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NAVAL OCEAN SYSTEMS CENTER San Diego, California 92152-5000

**Technical Document 1188**  
January 1988

# **MIZPAC 84-86 CTD Data Report**

R. R. Judd



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# NAVAL OCEAN SYSTEMS CENTER

San Diego, California 92152-5000

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**E. G. SCHWEIZER, CAPT, USN**  
Commander

**R. M. HILLYER**  
Technical Director

## ADMINISTRATIVE INFORMATION

This 3-year project was performed for the Naval Sea Systems Command (NSEA 63D), Washington, DC 20362-5101, under program element 62314N. This work was performed by several members of Naval Ocean Systems Center and Applied Physics Laboratory at University of Washington.

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## 1.0 INTRODUCTION

This report presents conductivity, temperature, and depth (CTD) measurements taken during the late summer or fall of 1984, 1985, and 1986 in the Beaufort Sea. The data collection was sponsored by the Naval Sea Systems Command, Washington, DC (NSEA 63D), under the direction of the Arctic Submarine Laboratory (ASL) of the Naval Ocean Systems Center, San Diego, CA. Data collection was done from the USCGC POLAR SEA (1984 and 1985) and the USCGC POLAR STAR (1986).

Appendices A through E are the data collected during this 3-year project. Appendix A presents MIZPAC 84 data, showing the ship's positions when casts #1 through #22 were made, CTD tables and profiles, calculated sound speeds, and temperature/salinity (TS) curves. Appendix B presents the MIZPAC 85 and 86 ships' tracks. It also shows the points where LWP drops were made by helicopter. Appendix C presents the MIZPAC 85 data, showing the ship's position when LWP drops #1 through #16 and #66 were made, CTD tables and plots. Appendix D gives additional MIZPAC 85 data. It shows the ship's positions when casts #1 through #152 were made, CTD tables and profiles, calculated sound speeds, and TS curves. Appendix E displays the MIZPAC 86 data, showing the ship's positions when casts #1 through #13 were made, CTD tables and profiles, measured sound speeds, and TS curves.

## 2.0 TERMS AND DEFINITIONS

This section will describe some of the terms used.

### 2.1 ACRONYMS AND ABBREVIATIONS

The following acronyms and abbreviations are used in the report:

ACRONYM	EXPANSION
APL	Applied Physics Laboratory at the University of Washington
ARCTEC	Name of contractor
ASL	Arctic Submarine Laboratory
AWS	Arctic West Summer
CTD	Conductivity, Temperature, Depth
g/kg	Gram per kilogram
FSK	Frequency Shift Keying
Lat	Latitude
Lon	Longitude
LWP	Lightweight Profiler

MIZPAC	Marginal Ice Zone Pacific
M/S	meters per second
MST	Marine Science Technicians
NOSC	Naval Ocean Systems Center
QM	Quartermaster
SV	Sound Velocity
TDAS	Telemetered Data Acquisition System
TS	Temperature vs. salinity
USCGC	U.S. Coast Guard Cutter

## **2.2 THE INTRUSION**

The phenomenon called the intrusion is a flow of water from the Bering Sea, through the Bering Strait, and into the Chukchi Sea. Some of this water then flows through the Barrow Canyon and into the Beaufort Sea (Mountain, Coachman & Aagaard, 1976; Aagaard, 1984).

The most easily observed effect of the intrusion is a large temperature peak at some depth above the Atlantic layer. This effect is seen frequently in data collected during MIZPAC 85 and MIZPAC 86.

## **2.3 DECK UNIT**

The term deck unit indicates the instrument which connects to the wire coming from the oceanographic winch. It supplies power to the CTD and accepts the signal from the CTD.

## **2.4 CRUISE NAME**

The Coast Guard refers to cruises during this time of the year and in this part of the Arctic using the acronym AWS for Arctic West Summer. However, the ASL generally refers to projects in this area using the acronym MIZPAC for Marginal Ice Zone Pacific. For the purpose of this report the term MIZPAC will be used.

### 3.0 MIZPAC 84

During the fall of 1984, the U.S. Navy placed a large ice camp in the Beaufort Sea about 150 miles north of Barter Island. The POLAR SEA moved people and equipment to the area for the initial camp setup, and then stood by (at a distance of about 10 miles) until the project was completed. The contractor for ice camp setup and operation was the Applied Physics Laboratory (APL) of the University of Washington.

CTD measurements taken during this cruise were to help in the selection of the site for camp setup and to provide supporting environmental data for other projects. The CTD data were used to ensure that the camp was not placed in the warm water current caused by the intrusion. Temperatures in this current are well above freezing and could cause a camp to breakup.

#### 3.1 SCIENCE PARTY

Numerous personnel were involved with MIZPAC 84. The primary persons involved with CTD measurements were:

Dr. M.A. Beal	NOSC (Chief scientist on POLAR SEA)
Dr. R.L. Francois	APL (Chief scientist at ice camp)
Dr. G.R. Garrison	APL (CTD work at ice camp)
Mr. R.R. Judd	NOSC (CTD work on POLAR SEA)

#### 3.2 DATA COLLECTION SYSTEM

The primary CTD data collection system used for MIZPAC 84 was a Grundy (formerly Plessey and before that Bisset-Berman) 9041 CTD/SV. The SV designation indicates the system measures sound velocity in addition to conductivity, temperature, and pressure.

The data were recorded digitally on magnetic tape cartridges using an HP 9825 calculator as the controller. The system and software were developed by Lovett and Wolfgang (1977) of NOSC for use during previous projects. Figure 1 shows a block diagram of the CTD system used during MIZPAC 84.

The Grundy 9041 CTD/SV sends a multiplexed set of frequencies up the wire to the deck unit, a Bisset-Berman Model 9040. There the frequencies are demultiplexed and sent out through four channels corresponding to the four signals of depth, pressure, conductivity, and sound speed. Each channel has its own assigned frequency range. The frequencies are then digitized and read by the computer for storage and analysis. The sample rate for this system was about 1.5 samples per second. The digitizer was a Bisset-Berman Model 8114A.

In addition to the CTD system described above, reversing thermometers and Nansen bottles were used to obtain independent results for comparison.

#### 3.3 CRUISE DESCRIPTION

The USCGC POLAR SEA arrived at Point Barrow on 15 September 1984 and picked up Beal, Francois, and Judd. A large party of scientists and support personnel were picked up at Barter Island on 17 September. The primary mission at the beginning of the cruise was to find a suitable ice floe where a large camp could be established. This effort is described in detail by Garrison, Wen, and Welch (1985).

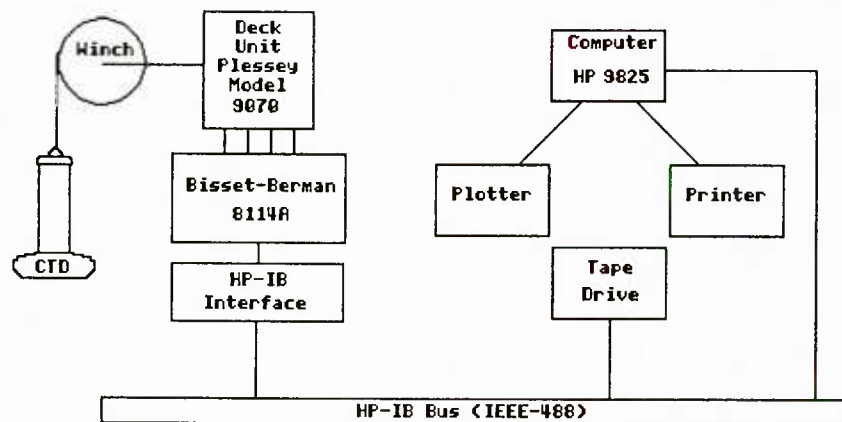


Figure 1. MIZPAC 84 CTD system.

During placement of the ice camp, CTDs were taken once or twice per day to a depth of about 300 meters. These include casts #1 through #9. Most other profiles were done to a depth of 1500 meters. Exceptions are cast #21, which was secured at 1000 meters due to equipment problems, and cast #15, which was secured at 750 meters due to a hydraulic problem.

Since the primary duty of the POLAR SEA was to support the ice camp, most of the CTD work was done in a fairly limited geographical area. Also, operational commitments and mechanical problems limited the movement of the ship for large periods of time. It is not generally possible to do a cast without moving the ship to obtain clear water under the oceanographic platform, so this limited the number of casts.

In addition to the oceanographic measurements done from the POLAR SEA, other measurements, including CTD work, were done at the ice camp (Garrison et al., 1985).

### 3.4 COMMENTS ON DATA

The CTD data collection system used during MIZPAC 84 was considered unreliable and the calibration was not current. To counter these uncertainties, Nansen bottles and reversing thermometers were used as independent checks of the conductivity and temperature sensors. It was noted that as the experiment progressed the frequency of anomalous spikes within the data increased; however, the Nansen bottle and reversing thermometer results show that, with the exception of this spiking, the accuracy of the data was constant throughout the experiment.

Although this CTD also measures sound speed, it was found that the data from this sensor were not reliable. Consequently, sound velocity plots are produced from calculated values using data from the other sensors.



### 3.4.1 Nansen Bottle Results

The following salinity samples in table 1 were analyzed on board by the ship's marine science technicians using the ship's equipment. The surface samples were taken using a brass bucket normally used for taking surface temperature measurements. The sample type indicated by "middle" were Nansen bottles that were placed on the wire when the CTD unit read 750 meters. The actual sample depth was between 745 and 750 meters. The sample type indicated by "bottom" were placed on the wire about 1 to 3 meters above the CTD depth sensor.

Table 1. Nansen bottle salinity samples.

Cast Number	Nansen Bottle Salinity			CTD Salinity	
	Sample Type	Salinity	Depth (meters)	Salinity	Depth (meters)
1	surface	23.6480	0		
1	bottom	32.4174	74	32.605	82
2	surface	15.1396	0		
3	surface	26.6588	0		
3	bottom	34.4388	257	34.488	262
4	surface	28.2573	0		
5	surface	28.5615	0		
5	bottom	34.6248	296	34.661	300
6	surface	29.2788	0		
6	bottom	34.6151	300	34.655	302
7	surface	29.5387	0		
7	bottom	34.6222	299	34.669	302
8	surface	29.2541	0		
9	surface	28.9142	0		
10	surface	26.0849	0		
10	middle	34.7548	750		
10	bottom	34.9373	1498	34.969	1500
11	surface	25.8392	0		
12	surface	25.4716	0		
12	middle	34.9114	750		
12	bottom	34.9373	1502	34.974	1502
14	surface	33.4595	0		
14	middle	34.8850	750		
14	bottom	34.9133	1495	34.954	1501
15	surface	27.1710	0		
16	surface	25.183	0		
16	middle	34.9027	750		
16	bottom	34.9420	1506	34.934	1503
19	surface	27.2995	0		
19	bottom	34.9345	1501	34.945	1504
22	surface	26.6284	0		
22	bottom	34.9282	1497	34.986	1500

Analysis of the salinity results indicate that the CTD read about 0.04 higher in salinity than samples from the Nansen bottles.

### 3.4.2 Reversing Thermometer Results

Reversing thermometers were only placed directly (from 1 to 3 meters) above the CTD head. Thermometer depth was calculated using unprotected thermometers.

A comparison of the temperature results (table 2) show that the CTD and thermometer agree within 0.03 degree Celsius or better. Calculated depth also agreed reasonably well with depth indicated by the CTD pressure sensor.

Table 2. CTD temperature comparison.

Cast Number	Reversing Thermometer Results		CTD Results	
	Temperature (deg <sup>0</sup> C)	Depth (meters)	Temperature (deg <sup>0</sup> C)	Depth (meters)
1	-1.55	74	-1.55	82
3	-0.53	257	-0.51	262
5	-0.14	296	-0.13	300
7	-0.09	299	-0.09	302
10	-0.34	1498	-0.36	1500
12	-0.34	1502	-0.36	1502
14	-0.36	1495	-0.36	1501
16	-0.34	1506	-0.35	1503
19	-0.33	1501	-0.36	1504
22	-0.34	1497	-0.36	1500

## 4.0 MIZPAC 85

The primary purpose of MIZPAC 85 was to investigate the effect of the Mackenzie River on the oceanography of the Beaufort Sea. This work was done in the summer of 1985, between 15 August and 15 September. In addition to the CTD work done, bathymetry data were collected for the ASL, and weather buoys were deployed for the Polar Science Center at the University of Washington.

During this time the ice edge was close to the coast and movement north of about 71° N was difficult. This problem was exacerbated since the POLAR SEA had used a large amount of fuel in transiting the Northwest Passage and needed to conserve what fuel remained.

### 4.1 SCIENCE PARTY

Mr. R. Perry	NOSC (Chief scientist until 26 August)
Dr. N. Floyd	NOSC (Chief scientist from 26 August to 16 September)
Dr. B. Markham	NOSC
Mr. R. Judd	NOSC
Mr. P. Becker	APL

### 4.2 DATA COLLECTION SYSTEM

There were two CTD systems used for this cruise. The primary system was a Mk-III Neil Brown system deployed from the ship's winch. The other system was a lightweight profiler (LWP) from APL. This system was used as a backup for the Neil Brown for casts in the Barrow Canyon and as a helicopter-deployed system. Figure 2 shows a block diagram of one of the two CTD systems used during MIZPAC 85.

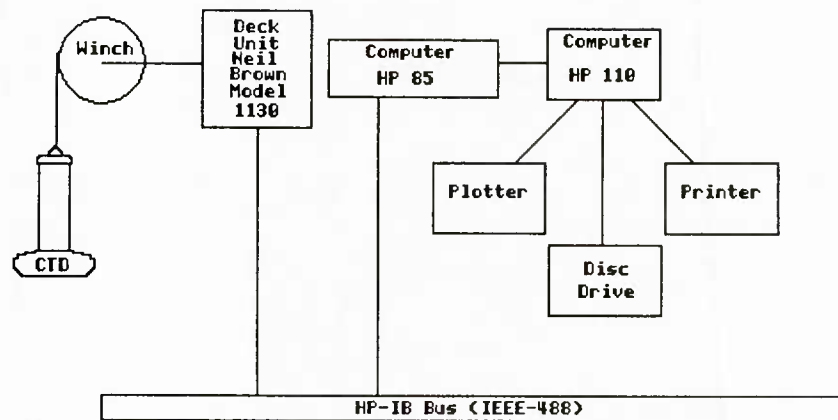


Figure 2. MIZPAC 85 CTD system.

#### 4.2.1 Neil Brown System

The Neil Brown CTD measures conductivity, temperature, and depth. In addition to the normal platinum resistance thermometer, which has a 250-millisecond time constant, this unit uses a thermistor with a 7-millisecond time constant. The output from this fast thermistor is used to correct the platinum thermometer for the time delay. This is all done internal to the CTD unit using methods developed at Neil Brown.

The data are sent up the wire using an FSK signal that is demodulated in the deck unit, a Neil Brown Model 1130 data terminal. This deck unit was read by an HP85 computer via IEEE488 interface, and the data were passed to an HP110 computer. The HP85 was used solely to read the deck unit and pass the reading on to the HP110 (via RS232) for storage and analysis. The HP110 is a faster, more capable computer with a large memory (256 kbyte), which enabled a faster sampling rate. The HP110 is not capable (without machine language programming) of reading an IEEE488 interface which made the use of the HP85 necessary. The data were stored on 3.5-inch discs.

A standard Neil Brown CTD normally samples at a 32-Hz rate. However, this unit was originally purchased for a special project and sampled at a 50-Hz rate. The deck unit was capable of demultiplexing all 50 samples per second; however, the computer was not fast enough to read more than about 2 samples per second. The drop rate was 60 meters per minute or less, so the recorded sample density was better than 2 samples per meter.

#### 4.2.2 Lightweight Profiler System

The lightweight profiler (LWP) used was developed by APL (Becker, 1975). It consists of Sea Bird sensors that are deployed using a hand-operated winch. The electronics and recording system are located within the winch drum. This simplifies the system design and eliminates the need for slip rings.

Casts are usually done to 300 meters depending upon the amount of cable on the winch and the stamina of the winch operator. After the cast is completed, the recorded data are read by an HP85 computer for analysis and plotting.

### 4.3 CRUISE DESCRIPTION

The science party joined the ship on 16 August 1985 at Prudhoe Bay, Alaska. The ship had transited to Prudhoe Bay from Thule, Greenland via the Northwest Passage.

The ship moved east from Prudhoe Bay to  $70^{\circ} 11.1' \text{ N}$ ,  $138^{\circ} 44.1' \text{ W}$  where the first CTD cast was done. The ship then continued northeast to  $71^{\circ} 03' \text{ N}$ ,  $134^{\circ} 06' \text{ W}$  where casts #2 and #3 were done. There were some problems with the downcast on cast #2 caused by a plugged depth sensor; and so cast #3 was done at the same station to back up the data. The ship continued north to about  $71^{\circ} 30' \text{ N}$  where it was decided the ice was too thick and tough to continue. Three helicopter casts were then done to fill out the data set on the area, and two weather buoys were deployed.

Cast #4 was done at this spot also, but the upcast data were lost when the slip rings on the oceanographic winch failed. There was a spare set on board, and this was repaired with little lost time.

In consideration of the heavy ice encountered, helicopter casts using the lightweight profiler were a fast way to take CTD data and also cover a lot of territory in a short period.

This method was used at every opportunity; however, due to the numerous foggy days common during this time of year in the Beaufort Sea, it was not possible to take as much data in this manner as was hoped.

After installing the buoy, the ship headed southwest along the same track used for coming north. CTD casts were made about every 25 miles. A north transect was again tried at about  $140^{\circ} \text{ W}$  but once again the pack ice stopped the northward leg at about  $71^{\circ} 25' \text{ N}$ . The ship then turned southeast toward Prudhoe Bay.

On 26 August, Mr. R. Perry departed the ship at Prudhoe Bay, and Dr. N. Floyd took over the duties as chief scientist.

The POLAR SEA was asked to recover a failed weather station placed on the ice by Polar Science Center during a spring ice camp. In order to attempt this recovery the ship turned north, but soon ran into the same troublesome ice pack. Cast #23 was done at  $71^{\circ} 15.5' \text{ N}$ ,  $149^{\circ} 06.7' \text{ W}$  and the ship then turned east to skirt the pack. Casts were once again done about every 25 miles.

At about  $150^{\circ} \text{ W}$  the ice pack softened enough so that it was possible to turn north. On cast #27 at  $72^{\circ} 09.8' \text{ N}$ ,  $150^{\circ} 01.7' \text{ W}$  a warm water layer indicative of the intrusion was found.

Despite heavy fog, the weather tower was spotted from the ship's bridge on the evening of August 29. Bad weather delayed recovery of the buoy, but on August 31 the task was completed.

After recovery of the buoy, it became necessary to evacuate a ship's crewman due to medical problems, and CTD work was put on hold while the ship transited to Point Barrow.

Once the crewman was disembarked, the first of two sets of casts in the Barrow Canyon was done. These were called the Barrow Canyon runs, and their purpose was to gather more data on the intrusion. The runs consisted of four equally spaced transects across the canyon, starting at about  $155^{\circ} \text{ W}$  for the first section and ending at about  $160^{\circ} 30' \text{ W}$  for the last section.



The APL had a particular interest in these data and used their LWP to repeat each cast after the Neil Brown cast was done. The data from these LWP casts are not included in this report. The LWP data from helicopter stations and other stations where the Neil Brown was not used are included.

After completing the first of the Barrow Canyon runs, the ship proceeded to Hanna Shoals to install the last weather buoy. Once the buoy was installed a set of stations were done along 72° N, taking casts about every 25 miles between 157° W and 149° W. This was done to try to define the eastward extent of the intrusion.

Once again the ship encountered difficult ice conditions after crossing the 149° W latitude. At one point, less than 2 miles were advanced over a 4-hour period. It was necessary for the ship to be at Point Barrow on the next day in order to pick up a Coast Guard observer. So, at about 148° 44' W, the ship turned south. Cast #91 at 72° N, 148° 44' W did not show the intrusion; however, cast #93 at 71° 30' N, 148° 43' W did show signs of the intrusion. Stations back to Point Barrow were done along 71° 30' N.

After picking up the Coast Guard observer, only about 36 hours were available before the ship had to be back at Point Barrow to drop him off. During this time a run was made out to about 73° N, 155° W and back. The Coast Guard observer was then disembarked and the Barrow Canyon runs were repeated.

After the Barrow Canyon runs were completed, the time for the trip had elapsed. All science party members were disembarked at Point Barrow on 16 September.

#### **4.4 COMMENTS ON DATA**

The Neil Brown had been calibrated within one year of deployment. After completing the project a second calibration was done and compared with the first one used during the trip. The temperature comparison showed no appreciable differences. The conductivity showed a drift of about -0.03 ms/cm from the previous calibration.

In addition to the above check, the results of LWP casts were compared with the Neil Brown casts. No inconsistencies were found.



## 5.0 MIZPAC 86

The primary purpose of this exercise was to deploy a telemetered data acquisition system (TDAS), an acoustic noise-monitoring system, on summer ice. Poor ice quality caused the TDAS deployment to be canceled; however, in addition to this effort various other projects were done. These included a bioluminescence study by Lapota, ship structure stress tests by ARCTEC, and CTD measurements by Judd. A CTD-monitoring buoy, called a Salargos Buoy, was also deployed for the Polar Science Center at the University of Washington.

### 5.1 SCIENCE PARTY

Mr. R. Judd	NOSC (Chief scientist)
Dr. D. Gingras	NOSC
Mr. D. Lapota	NOSC
Mr. J. Bitters	Polar Research Lab
Mr. J. Wooff	Polar Research Lab
Mr. R. Voelker	ARCTEC
Mr. P. Minnick	ARCTEC
Mr. J. Rosson	ARCTEC
Mr. F. Seibold	Maritime Administration

### 5.2 DATA COLLECTION SYSTEM

The CTD used on this cruise was a 9040CTD/SV, similar to the one described for MIZPAC 84. The data from the CTD was demultiplexed in a Plessey Model 9040 deck unit. Four Philips PM6673 universal frequency counters were then used to digitize the demultiplexed signal (one counter for each signal). The counters were controlled and read using an IEEE488 interface which was controlled by an HP Integral PC. The Integral triggered the frequency counters so the readings were simultaneous. This method allowed a sample rate of about 2 samples per second. The data were stored on 3.5-inch floppy discs. Figure 3 shows a block diagram of the CTD system used during MIZPAC 86.

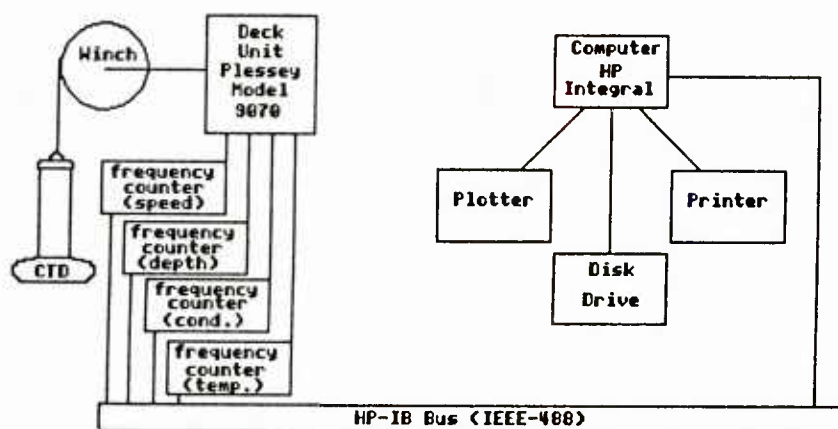


Figure 3. MIZPAC 86 CTD system.

### 5.3 CRUISE DESCRIPTION

On 17 September, the USCGC POLAR STAR arrived at Point Barrow and loading commenced. Due to bad weather loading was secured after only seven flights; however, the weather improved enough on 18 September to complete loading of equipment and personnel.

Because of the weather problems the ship was one day late leaving Point Barrow, and it was decided not to do any oceanography until the TDAS deployment area was reached. The deployment area was defined as the box delimited by  $72^{\circ}$  N,  $145^{\circ}$  W and  $74^{\circ}$  N,  $140^{\circ}$  W. For sailing purposes the Captain was asked to move toward  $74^{\circ}$  N,  $140^{\circ}$  W.

On 23 September the ship reached the northernmost point for the cruise. Although the ship was well into multiyear ice, the weather was quite warm and there appeared to be no floe suitable for TDAS deployment. Because there was little time left before the ship had to return to Point Barrow, it was decided to cancel the deployment. At this point only two CTD profiles had been taken.

The Salargos Buoy was placed in a multiyear floe on 24 September, and the ship moved away from that floe a distance of about 1 mile. Cast #3 was done, and this was the northernmost cast.

The plan was to move south along  $141^{\circ}$  W to about  $72^{\circ}$  N and then east back to Point Barrow, taking a CTD cast about every 25 miles and a bioluminescence cast in the evening. Due to problems with the ship's engines, only about 25 or 30 miles were advanced for the next two days, making CTD data collection slower than had been hoped.

On 27 September a crewman injured himself and had to be evacuated to Prudhoe Bay, so no casts were possible between  $72^{\circ} 30'$  N,  $141^{\circ}$  W and Prudhoe Bay.

After leaving Prudhoe Bay, the ship proceeded at about 12 knots for Point Barrow, stopping for CTD casts about every 25 miles with a bioluminescence cast at night. It was decided to skirt the ice pack as much as possible and hopefully avoid more delays and breakdowns. These casts were done along about  $72^{\circ}$  N.

On 30 September the last CTD cast was done and the ship proceeded to Point Barrow. The science party disembarked on 1 October.

### 5.4 COMMENTS ON DATA

Due to the low priority given to taking CTD samples during this cruise, no quality control work was done other than the comparison of calculated with measured sound velocity. No problems were expected since the CTD data collection system had just returned from a factory overhaul and should have been in good condition. It was noted that the depth reading on the surface was about 18 decibars, which was out of specification, but after this offset was subtracted, the depth reading agreed well with wire-out indications.

After review of the data it was noted that the calculated and measured sound velocity did not agree as well as would normally be expected. In addition, the salinity should have been on the order of 34.9 to 35 in the deep arctic water; however, the readings obtained by the CTD recorder were on the order of 34.7 to 34.8. Artificially placing a reading of 34.9 in place of a 34.7 resulted in a much better agreement between calculated sound velocity and measured sound velocity.

In order to resolve some of these problems, the CTD recorder was sent out for a calibration after the trip was completed. The calibration data indicated that the conductivity sensor was not working correctly, but the other sensors were.

In order to recover better salinity data, an attempt was made to iterate the salinity out of the measured sound speed. This worked reasonably well for casts where large temperature gradients were not present, but very large salinity spikes were produced in other cases. The reason for the large salinity spikes is a time delay between the reading of the sound speed and the temperature. The temperature has a 250-millisecond time constant, whereas the sound speed is almost instantaneous. In addition, the sound speed is only accurate to 0.1 meter per second. In order to extract salinity data to the accuracy provided by conductivity cell data, sound speed had to be measured to about 0.005 meter per second. The lack of resolution caused the salinity data produced from the iteration process to be noisy.

Because of the above problems it was decided to use the original salinity data in the plots. The reader should be aware that the salinity data are suspect, and there is an offset of minus 0.2 to minus 0.4 in salinity.

## **6.0 DATA PRODUCTS**

Plots of temperature, salinity, and sound speed versus depth, and plots of salinity versus temperature are provided. In addition, tables of numerical data for each plot are included. The numerical data are a subsample of the total data set for a particular CTD cast.

### **6.1 SOUND SPEED CALCULATIONS**

The equation used for the calculation of sound speed is a version of those first presented by Lovett (1978). The actual equation used was obtained via a personal communication with Lovett.

Calculated sound speed is presented in data for MIZPAC 84 and MIZPAC 85. The sound speed presented in MIZPAC 86 is a measured value.

### **6.2 SALINITY**

The salinity values obtained in this report are practical salinity as calculated using equations from the 1983 version of the UNESCO report, "Algorithms for computation of fundamental properties of seawater."

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## **APPENDIX A - MIZPAC 84 DATA**

Showing the ship's positions when casts #1 through #22 were made, CTD tables/profiles, calculated sound speeds, and TS curves.

## MIZPAC 84 CTD INDEX

CAST #	DATE	TIME	LATITUDE	LONGITUDE
1	84/09/18	06:43:27	70 34.3 N	143 52.0 W
2	84/09/19	08:09:22	70 59.3 N	139 04.0 W
3	84/09/19	18:52:45	72 52.5 N	136 56.0 W
4	84/09/20	04:24:58	72 22.0 N	137 34.7 W
5	84/09/20	18:48:57	72 33.9 N	137 33.1 W
6	84/09/22	03:17:49	73 26.5 N	138 29.5 W
7	84/09/23	00:06:56	73 29.0 N	138 19.8 W
8	84/09/25	03:51:32	73 24.4 N	139 05.0 W
9	84/09/26	04:01:31	72 47.5 N	141 36.1 W
10	84/10/11	04:23:50	72 29.9 N	144 31.5 W
11	84/10/13	03:14:43	72 31.5 N	144 37.9 W
12	84/10/14	06:11:36	72 27.8 N	144 32.8 W
13	84/10/15	23:27:08	72 32.0 N	144 37.9 W
14	84/10/17	04:04:54	72 33.1 N	144 28.6 W
15	84/10/18	06:00:48	72 33.3 N	143 51.2 W
16	84/10/20	04:15:32	72 20.9 N	143 32.5 W
17	84/10/31	00:27:16	72 19.9 N	145 08.8 W
18	84/11/01	03:40:16	72 21.6 N	145 01.4 W
19	84/11/01	21:20:41	72 22.2 N	145 02.9 W
20	84/11/02	18:27:27	72 20.5 N	145 13.0 W
21	84/11/04	20:01:54	72 13.0 N	145 19.4 W
22	84/11/06	21:29:32	72 10.1 N	145 23.5 W

MIZPAC 84                      CAST# 1 DOWN  
 DATE: 84/09/18                TIME: 06:43:27  
 LAT: 70 34.34 N                LON: 143 52.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	.44	23.60	1436.19
1.2	.49	23.64	1436.13
2.3	-.55	25.60	1432.67
3.0	-.81	25.43	1433.53
4.6	-.76	25.50	1433.38
5.3	-.69	25.59	1433.50
6.1	-.65	25.40	1433.44
7.6	-1.24	26.80	1432.60
8.3	-1.27	27.09	1432.65
9.1	-1.24	26.93	1433.11
10.6	-1.02	27.70	1434.85
12.4	-1.05	27.97	1435.64
14.0	-.98	28.69	1436.45
16.2	-1.01	29.05	1436.72
18.5	-1.17	29.54	1436.71
20.3	-1.24	29.71	1436.52
22.6	-1.35	30.12	1436.71
24.1	-1.34	30.27	1437.03
26.4	-1.42	30.47	1436.91
28.3	-1.43	30.58	1437.04
30.5	-1.47	30.71	1437.10
32.0	-1.52	30.81	1437.04
34.3	-1.54	30.88	1437.04
36.6	-1.57	30.99	1437.04
38.4	-1.59	31.03	1437.10
40.3	-1.60	31.08	1437.17
42.6	-1.60	31.13	1437.24
44.1	-1.60	31.17	1437.30
46.4	-1.60	31.25	1437.43
49.0	-1.57	31.31	1437.69
50.9	-1.57	31.37	1437.82
52.4	-1.57	31.43	1438.00
54.7	-1.59	31.57	1438.09
56.2	-1.56	31.64	1438.35
58.8	-1.56	31.74	1438.54
60.7	-1.56	31.82	1438.68
62.2	-1.54	31.94	1438.98
64.5	-1.53	32.01	1439.14
66.0	-1.54	32.05	1439.20
68.3	-1.53	32.10	1439.27
70.6	-1.54	32.15	1439.40
72.1	-1.54	32.21	1439.40
74.7	-1.54	32.30	1439.66
76.2	-1.55	32.38	1439.79
78.5	-1.55	32.47	1439.93
80.0	-1.55	32.54	1440.00
82.3	-1.55	32.60	1440.06

MIZPAC 84                      CAST# 2 DOWN  
 DATE: 84/09/19                TIME: 08:09:22  
 LAT: 70 59.33 N                LON: 139 04 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	.42	14.97	1424.89
1.2	.41	14.98	1424.88
2.7	.44	14.99	1425.14
3.4	.44	15.01	1425.08
4.2	.44	15.02	1425.07
6.4	-1.22	26.90	1432.04
7.6	-1.38	27.17	1432.40
8.7	-1.40	27.23	1432.40
9.4	-1.41	27.27	1432.34
11.3	-1.42	27.32	1432.46
13.2	-1.42	27.32	1432.40
15.5	-1.42	27.33	1432.46
17.3	-1.41	27.36	1432.71
19.6	-1.26	28.70	1435.70
21.1	-1.14	29.39	1436.90
23.4	-1.15	29.84	1437.30
25.3	-1.21	30.04	1437.24
27.5	-1.27	30.10	1437.04
29.0	-1.31	30.10	1437.04
31.3	-1.34	30.20	1437.04
33.5	-1.38	30.24	1436.97
35.1	-1.39	30.31	1436.97
37.3	-1.42	30.34	1437.03
39.6	-1.43	30.37	1436.97
41.1	-1.45	30.35	1436.98
43.4	-1.45	30.49	1436.97
45.6	-1.47	30.58	1437.05
47.1	-1.51	30.67	1437.16
50.1	-1.56	30.78	1436.97
51.7	-1.53	30.78	1437.24
53.2	-1.55	30.88	1437.23
55.1	-1.56	30.83	1437.24
57.3	-1.57	31.02	1437.55
59.6	-1.54	31.16	1438.08
61.1	-1.53	31.34	1438.39
63.0	-1.49	31.54	1438.68
67.2	-1.48	31.63	1439.01
67.9	-1.49	31.69	1439.01
69.4	-1.49	31.76	1431.49
71.7	-1.49	31.73	1439.33
73.2	-1.47	31.84	1439.40
75.5	-1.53	31.95	1439.27
79.3	-1.51	32.05	1439.60
80.8	-1.50	32.02	1439.67
82.3	-1.51	32.08	1439.60
83.8	-1.51	32.11	1439.79
86.9	-1.52	32.19	1439.66
87.2	-1.54	32.21	1439.67
89.5	-1.53	32.28	1439.92
91.0	-1.53	32.29	1439.93
93.3	-1.54	32.28	1440.00
95.6	-1.52	32.31	1440.19
97.1	-1.52	32.34	1440.19
99.4	-1.51	32.42	1440.32
101.7	-1.54	32.46	1440.26
103.2	-1.55	32.48	1440.39
105.5	-1.54	32.49	1440.33
107.0	-1.53	32.54	1440.52
109.3	-1.53	32.56	1440.52
111.5	-1.53	32.57	1440.53
113.1	-1.52	32.60	1440.72
115.3	-1.54	32.63	1440.72
117.6	-1.55	32.67	1440.72
119.1	-1.55	32.67	1440.78
121.4	-1.54	32.72	1440.91
123.0	-1.56	32.74	1440.92
125.2	-1.57	32.75	1440.93
127.5	-1.57	32.77	1440.98
129.0	-1.56	32.80	1441.11
131.3	-1.58	32.81	1441.05
133.6	-1.57	32.84	1441.11
135.1	-1.57	32.86	1441.18
137.4	-1.57	32.89	1441.31
139.3	-1.56	32.90	1441.38
141.6	-1.57	32.92	1441.37
143.1	-1.58	32.94	1441.38
145.4	-1.58	32.97	1441.39
147.0	-1.58	32.98	1441.51
149.3	-1.59	33.00	1441.45
154.2	-1.60	33.06	1441.64
159.2	-1.61	33.13	1441.71
164.5	-1.61	33.18	1441.84
169.5	-1.61	33.23	1442.04
174.1	-1.59	33.27	1442.24
179.5	-1.58	33.33	1442.50

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
184.0	-1.57	33.39	1442.70
189.4	-1.56	33.48	1442.96
194.4	-1.50	33.55	1443.43
199.0	-1.45	33.64	1443.89
204.4	-1.33	33.77	1444.75
209.0	-1.20	33.89	1445.61
214.4	-1.05	33.99	1446.48
219.4	-1.07	34.10	1446.68
224.0	-.92	34.17	1447.47
229.4	-.77	34.25	1448.41
234.0	-.67	34.35	1449.13
239.4	-.62	34.38	1449.41
244.0	-.53	34.44	1450.01



MIZPAC 84  
 DATE: 84/09/19  
 LAT: 72 52.5 N

CAST# 3 DOWN  
 TIME: 18:52:45  
 LAN: 136 56 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.38	26.60	1431.82	183.3	-1.58	33.45	1442.77
1.5	-1.38	26.59	1431.81	188.6	-1.55	33.52	1443.16
2.7	-1.39	26.60	1431.81	193.2	-1.51	33.56	1443.42
3.4	-1.39	26.65	1431.87	198.6	-1.46	33.62	1443.83
4.2	-1.40	26.73	1431.88	203.2	-1.41	33.69	1444.22
5.7	-1.41	26.83	1432.00	208.6	-1.34	33.80	1444.88
6.4	-1.42	26.86	1432.01	213.6	-1.26	33.90	1445.35
7.2	-1.42	26.88	1432.01	218.6	-1.19	33.96	1445.88
8.7	-1.44	26.89	1432.01	223.2	-1.13	34.06	1446.47
10.2	-1.44	26.93	1432.07	228.2	-1.04	34.13	1447.00
12.4	-1.45	26.96	1432.25	233.6	-.97	34.21	1447.54
14.7	-1.46	28.45	1434.26	238.2	-.90	34.27	1448.01
16.2	-1.46	28.85	1434.86	243.6	-.81	34.33	1448.54
18.4	-1.46	28.92	1434.98	248.6	-.70	34.39	1449.34
20.0	-1.46	29.03	1435.01	253.2	-.61	34.42	1449.80
22.2	-1.47	29.19	1435.44	259.0	-.52	34.47	1450.40
24.9	-1.41	29.88	1437.30				
26.4	-1.40	29.99	1437.30				
28.6	-1.43	30.09	1437.23				
30.1	-1.48	30.23	1437.17				
32.4	-1.53	30.45	1437.17				
34.7	-1.57	30.66	1437.24				
36.2	-1.58	30.72	1437.24				
38.4	-1.57	30.93	1437.76				
40.7	-1.59	30.97	1437.36				
42.2	-1.62	31.06	1437.49				
44.5	-1.62	31.18	1437.76				
46.0	-1.62	31.24	1437.89				
48.2	-1.63	31.32	1437.90				
50.5	-1.65	31.44	1438.14				
52.0	-1.65	31.60	1438.48				
54.3	-1.64	31.75	1438.68				
56.6	-1.63	31.84	1438.94				
58.1	-1.64	31.89	1439.01				
60.3	-1.65	32.01	1439.32				
62.6	-1.64	32.10	1439.40				
64.1	-1.64	32.16	1439.48				
66.4	-1.67	32.22	1439.53				
68.7	-1.67	32.26	1439.47				
70.5	-1.68	32.28	1439.46				
72.1	-1.69	32.30	1439.54				
74.3	-1.68	32.39	1439.66				
76.6	-1.69	32.42	1439.80				
78.1	-1.68	32.45	1439.92				
80.4	-1.68	32.49	1439.93				
82.7	-1.65	32.55	1440.20				
84.2	-1.65	32.55	1440.14				
86.5	-1.67	32.57	1440.13				
88.0	-1.66	32.61	1440.19				
90.3	-1.67	32.67	1440.39				
92.5	-1.66	32.66	1440.33				
94.0	-1.66	32.68	1440.45				
96.3	-1.65	32.69	1440.45				
98.6	-1.66	32.72	1440.51				
100.1	-1.65	32.74	1440.64				
102.4	-1.65	32.78	1440.72				
104.7	-1.64	32.78	1440.66				
106.2	-1.66	32.80	1440.59				
108.5	-1.65	32.81	1440.72				
110.0	-1.65	32.82	1440.79				
112.7	-1.64	32.84	1440.85				
114.2	-1.64	32.86	1440.92				
116.5	-1.63	32.87	1440.92				
118.0	-1.64	32.88	1440.99				
120.3	-1.63	32.90	1440.98				
122.6	-1.64	32.91	1441.05				
124.5	-1.63	32.92	1441.05				
126.0	-1.63	32.95	1441.18				
128.3	-1.61	32.95	1441.25				
130.2	-1.61	32.96	1441.31				
132.5	-1.61	32.98	1441.25				
134.0	-1.61	33.00	1441.38				
136.3	-1.60	33.01	1441.38				
138.6	-1.62	33.05	1441.45				
140.5	-1.62	33.07	1441.51				
142.0	-1.62	33.06	1441.45				
144.3	-1.63	33.09	1441.45				
146.6	-1.63	33.11	1441.64				
148.1	-1.63	33.11	1441.64				
153.4	-1.62	33.15	1441.84				
158.0	-1.62	33.19	1441.90				
163.4	-1.63	33.26	1442.04				
168.3	-1.63	33.29	1442.17				
173.7	-1.62	33.34	1442.30				
178.3	-1.61	33.38	1442.50				

MIZPAC 84  
 DATE: 84/09/20  
 LAT: 72 22 N

CAST# 4 DOWN  
 TIME: 04:24:58  
 LON: 137 34.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.49	28.27	1433.30	187.1	-1.49	33.52	1443.36
1.5	-1.48	28.25	1433.19	192.1	-1.46	33.58	1443.69
2.3	-1.49	28.24	1433.24	197.4	-1.36	33.67	1444.28
3.0	-1.49	28.24	1433.18	202.4	-1.36	33.74	1444.54
4.5	-1.50	28.25	1433.17	207.0	-1.32	33.77	1444.75
5.3	-1.47	28.30	1433.76	212.4	-1.22	33.86	1445.54
6.0	-1.42	28.23	1433.59	217.0	-1.10	33.95	1446.21
7.9	-1.42	28.31	1434.20	222.4	-1.08	34.02	1446.54
9.8	-1.51	28.26	1433.18	227.0	- .98	34.10	1447.09
11.3	-1.51	28.27	1433.37	232.4	- .99	34.20	1447.27
13.5	-1.50	28.31	1433.43	237.0	- .78	34.28	1448.54
15.0	-1.50	28.29	1433.38	242.4	- .64	34.34	1449.34
17.3	-1.50	28.39	1433.69	247.1	- .56	34.40	1449.81
19.6	-1.41	29.19	1435.46	252.5	- .47	34.46	1450.41
21.1	-1.23	29.50	1436.57	257.1	- .46	34.48	1450.48
23.7	-1.20	29.62	1436.96				
25.2	-1.21	29.81	1437.15				
27.5	-1.23	30.07	1437.24				
29.0	-1.25	30.15	1437.36				
31.2	-1.28	30.48	1437.68				
33.5	-1.34	30.72	1437.63				
35.0	-1.36	31.00	1438.47				
37.3	-1.26	30.96	1438.36				
39.5	-1.32	31.02	1438.23				
41.0	-1.34	31.04	1438.24				
43.3	-1.39	31.04	1438.09				
45.6	-1.42	31.07	1438.02				
47.1	-1.44	31.12	1438.08				
49.3	-1.42	31.28	1438.45				
51.6	-1.39	31.42	1438.74				
53.1	-1.39	31.52	1439.00				
55.4	-1.35	31.61	1439.20				
57.3	-1.37	31.72	1439.28				
59.6	-1.40	31.88	1439.53				
61.1	-1.34	31.93	1439.93				
63.3	-1.35	32.00	1439.97				
65.2	-1.33	32.08	1440.13				
67.9	-1.39	32.15	1439.93				
69.4	-1.38	32.22	1440.25				
71.7	-1.35	32.29	1440.59				
73.2	-1.33	32.28	1440.53				
75.4	-1.34	32.34	1440.66				
77.0	-1.34	32.35	1440.59				
79.2	-1.39	32.37	1440.33				
81.1	-1.41	32.43	1440.58				
83.8	-1.38	32.49	1440.84				
85.3	-1.36	32.48	1440.92				
87.6	-1.38	32.52	1440.79				
89.1	-1.40	32.54	1440.72				
91.4	-1.41	32.59	1440.79				
93.3	-1.46	32.63	1440.65				
95.5	-1.47	32.65	1440.78				
97.1	-1.46	32.64	1440.72				
99.0	-1.51	32.66	1440.59				
101.2	-1.50	32.70	1440.77				
103.1	-1.48	32.71	1440.85				
105.4	-1.47	32.73	1441.04				
107.7	-1.48	32.75	1440.98				
109.2	-1.49	32.79	1441.04				
111.5	-1.50	32.79	1441.05				
113.0	-1.51	32.81	1441.11				
115.3	-1.50	32.83	1441.18				
117.6	-1.49	32.85	1441.25				
119.5	-1.49	32.87	1441.25				
121.0	-1.50	32.88	1441.25				
123.3	-1.53	32.90	1441.25				
125.6	-1.52	32.93	1441.31				
127.1	-1.53	32.94	1441.38				
129.4	-1.53	32.96	1441.44				
131.7	-1.54	32.98	1441.45				
133.2	-1.53	33.01	1441.51				
135.1	-1.52	33.02	1441.58				
137.4	-1.53	33.05	1441.58				
139.7	-1.53	33.04	1441.71				
141.2	-1.53	33.07	1441.77				
143.5	-1.54	33.09	1441.78				
145.0	-1.55	33.11	1441.84				
147.7	-1.55	33.13	1441.78				
152.3	-1.55	33.16	1441.91				
157.2	-1.56	33.20	1442.04				
162.6	-1.56	33.25	1442.24				
167.6	-1.54	33.31	1442.44				
172.1	-1.54	33.34	1442.56				
177.1	-1.52	33.38	1442.83				
182.5	-1.50	33.45	1443.03				

MIZPAC 84  
DATE: 84/09/20  
LAT: 72 33.9 N

CAST# 5 DOWN  
TIME: 18:48:57  
LON: 137 33.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.52	28.37	1433.71	179.5	-1.58	33.30	1442.44
1.5	-1.52	28.44	1433.82	184.0	-1.59	33.35	1442.64
2.3	-1.53	28.44	1433.77	189.4	-1.56	33.42	1442.89
3.1	-1.52	28.44	1433.77	194.0	-1.53	33.48	1443.17
4.6	-1.53	28.46	1433.83	199.4	-1.50	33.53	1443.49
5.3	-1.52	28.46	1433.83	204.0	-1.45	33.57	1443.83
6.1	-1.52	28.44	1433.83	209.4	-1.39	33.67	1444.42
7.6	-1.53	28.47	1433.83	214.4	-1.25	33.75	1445.09
8.3	-1.53	28.48	1433.89	219.0	-1.19	33.80	1445.61
9.1	-1.54	28.49	1433.90	224.0	-1.14	33.90	1446.08
11.3	-1.54	28.53	1433.96	229.0	-1.05	33.97	1446.68
13.6	-1.55	28.68	1434.16	234.0	-.95	34.08	1447.28
15.5	-1.54	28.91	1434.61	239.4	-.96	34.18	1447.54
17.3	-1.54	29.10	1434.98	244.0	-.87	34.25	1448.13
19.6	-1.49	30.11	1437.56	249.0	-.80	34.32	1448.67
21.1	-1.48	30.30	1437.80	254.8	-.64	34.39	1449.54
23.7	-1.50	30.45	1437.62	259.0	-.56	34.43	1450.06
25.3	-1.52	30.54	1437.56	264.1	-.51	34.48	1450.34
27.5	-1.54	30.90	1438.40	269.5	-.47	34.49	1450.74
29.0	-1.51	31.10	1438.66	274.5	-.39	34.55	1451.28
31.3	-1.52	31.17	1438.43	279.1	-.33	34.59	1451.67
33.5	-1.55	31.24	1438.48	284.6	-.26	34.61	1452.08
35.1	-1.54	31.22	1438.42	289.2	-.22	34.63	1452.41
37.3	-1.55	31.22	1438.35	294.6	-.16	34.65	1452.75
39.6	-1.57	31.22	1438.22				
41.1	-1.58	31.22	1438.15				
43.4	-1.60	31.21	1438.09				
45.6	-1.60	31.19	1437.90				
47.1	-1.62	31.21	1437.89				
49.4	-1.61	31.31	1438.21				
51.7	-1.61	31.46	1438.55				
53.2	-1.60	31.67	1438.94				
55.4	-1.60	31.84	1439.32				
57.0	-1.59	31.95	1439.54				
59.2	-1.58	32.02	1439.60				
61.5	-1.59	32.11	1439.80				
63.0	-1.58	32.16	1439.86				
65.3	-1.58	32.21	1439.93				
67.2	-1.58	32.29	1440.00				
69.1	-1.59	32.32	1440.06				
71.3	-1.59	32.35	1440.06				
73.6	-1.59	32.43	1440.26				
75.1	-1.57	32.42	1440.32				
77.4	-1.57	32.46	1440.39				
79.7	-1.53	32.46	1440.39				
81.2	-1.53	32.47	1440.52				
83.8	-1.53	32.51	1440.58				
85.3	-1.52	32.52	1440.59				
87.6	-1.56	32.58	1440.66				
89.1	-1.54	32.59	1440.66				
91.4	-1.54	32.62	1440.78				
93.7	-1.54	32.62	1440.72				
95.2	-1.53	32.62	1440.78				
97.5	-1.53	32.63	1440.79				
99.0	-1.55	32.65	1440.79				
101.3	-1.54	32.68	1440.85				
103.6	-1.53	32.67	1440.85				
105.1	-1.53	32.68	1440.92				
107.4	-1.53	32.68	1440.98				
109.6	-1.54	32.72	1440.92				
111.2	-1.53	32.71	1440.99				
113.4	-1.52	32.72	1441.04				
115.3	-1.53	32.73	1441.05				
117.6	-1.53	32.75	1441.11				
119.1	-1.52	32.76	1441.12				
121.4	-1.53	32.77	1441.12				
123.3	-1.53	32.78	1441.25				
125.6	-1.53	32.80	1441.25				
127.1	-1.53	32.82	1441.25				
129.0	-1.53	32.82	1441.25				
131.3	-1.54	32.87	1441.32				
133.6	-1.54	32.89	1441.38				
135.1	-1.55	32.88	1441.38				
137.4	-1.56	32.93	1441.45				
139.3	-1.56	32.95	1441.51				
141.6	-1.56	32.97	1441.58				
143.1	-1.56	32.98	1441.52				
145.4	-1.56	33.01	1441.70				
147.0	-1.56	33.02	1441.64				
149.3	-1.58	33.05	1441.71				
154.2	-1.58	33.06	1441.72				
159.2	-1.56	33.12	1441.97				
164.5	-1.58	33.16	1442.10				
169.5	-1.60	33.21	1442.17				
174.1	-1.60	33.24	1442.24				

MIZPAC 84      CAST# 6 DOWN  
 DATE: 84/09/22      TIME: 03:17:49  
 LAT: 73 26.5 N      LON: 138 29.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.59	29.28	1434.08	187.5	-1.54	33.38	1442.89
1.6	-1.58	29.27	1434.09	192.1	-1.53	33.42	1443.03
2.3	-1.58	29.27	1434.03	197.5	-1.49	33.46	1443.43
3.1	-1.57	29.26	1434.03	202.1	-1.46	33.53	1443.69
4.6	-1.58	29.26	1434.16	207.1	-1.43	33.58	1444.02
5.3	-1.59	29.28	1434.16	212.5	-1.39	33.65	1444.35
6.1	-1.59	29.28	1434.16	217.5	-1.34	33.71	1444.82
7.6	-1.58	29.29	1434.22	222.1	-1.28	33.78	1445.28
9.1	-1.58	29.27	1434.16	227.1	-1.19	33.87	1445.87
11.0	-1.59	29.29	1434.22	232.5	-1.08	33.95	1446.55
13.6	-1.58	29.29	1434.29	237.1	-1.02	34.05	1447.07
15.1	-1.58	29.30	1434.35	242.5	-.93	34.15	1447.73
17.3	-1.58	29.32	1434.35	247.1	-.85	34.21	1448.20
19.6	-1.58	29.35	1434.48	252.5	-.73	34.30	1449.06
21.1	-1.58	29.39	1434.66	257.2	-.63	34.35	1449.61
23.0	-1.52	29.66	1435.37	262.6	-.54	34.41	1450.21
25.3	-1.30	30.83	1438.21	267.2	-.46	34.44	1450.68
27.5	-1.26	30.93	1438.23	272.6	-.39	34.51	1451.20
29.4	-1.32	30.95	1437.97	277.6	-.31	34.52	1451.68
31.7	-1.33	30.96	1438.02	282.7	-.25	34.56	1452.02
33.2	-1.38	30.96	1437.83	287.3	-.21	34.61	1452.41
35.4	-1.41	30.97	1437.69	292.0	-.16	34.61	1452.69
38.1	-1.44	30.98	1437.63	297.0	-.13	34.63	1452.89
39.6	-1.45	31.00	1437.63				
41.5	-1.43	31.00	1437.89				
43.0	-1.42	31.04	1437.95				
45.3	-1.40	31.15	1438.29				
47.5	-1.37	31.27	1438.60				
49.4	-1.34	31.39	1438.87				
51.3	-1.35	31.49	1439.06				
53.6	-1.31	31.58	1439.34				
55.1	-1.31	31.67	1439.60				
57.3	-1.32	31.72	1439.61				
59.6	-1.35	31.79	1439.60				
61.1	-1.34	31.80	1439.55				
63.4	-1.36	31.89	1439.66				
65.7	-1.35	31.96	1439.93				
67.2	-1.35	32.00	1439.93				
69.4	-1.36	32.04	1440.04				
71.3	-1.36	32.06	1440.00				
73.6	-1.36	32.13	1440.19				
75.1	-1.37	32.16	1440.13				
77.4	-1.38	32.20	1440.26				
79.7	-1.39	32.27	1440.39				
81.2	-1.38	32.28	1440.39				
83.5	-1.39	32.30	1440.52				
85.0	-1.40	32.33	1440.46				
87.3	-1.40	32.37	1440.59				
89.5	-1.40	32.39	1440.59				
91.0	-1.40	32.42	1440.65				
93.3	-1.41	32.45	1440.71				
95.2	-1.42	32.48	1440.78				
97.1	-1.41	32.48	1440.79				
99.0	-1.42	32.52	1440.85				
101.7	-1.43	32.55	1440.85				
103.6	-1.44	32.57	1440.92				
105.1	-1.45	32.60	1440.91				
107.4	-1.45	32.61	1440.92				
109.7	-1.46	32.65	1440.98				
111.2	-1.46	32.66	1440.98				
113.5	-1.47	32.68	1441.05				
115.7	-1.47	32.69	1441.12				
117.3	-1.46	32.70	1441.12				
119.2	-1.47	32.72	1441.25				
121.5	-1.48	32.75	1441.25				
123.0	-1.49	32.78	1441.25				
125.3	-1.47	32.78	1441.31				
127.5	-1.49	32.80	1441.38				
129.1	-1.49	32.82	1441.45				
131.4	-1.50	32.85	1441.51				
133.6	-1.50	32.87	1441.51				
135.2	-1.50	32.88	1441.58				
137.5	-1.50	32.89	1441.58				
139.0	-1.50	32.90	1441.58				
141.3	-1.51	32.93	1441.65				
143.6	-1.52	32.95	1441.71				
145.1	-1.51	32.95	1441.71				
147.0	-1.53	32.99	1441.77				
152.7	-1.53	33.03	1441.91				
157.3	-1.54	33.08	1442.04				
162.6	-1.55	33.11	1442.04				
167.6	-1.55	33.16	1442.23				
172.2	-1.56	33.21	1442.31				
177.6	-1.56	33.26	1442.44				
182.2	-1.54	33.31	1442.70				

MIZPAC 84  
 DATE: 84/09/23  
 LAT: 73 29.03 N

CAST# 7 DOWN  
 TIME: 00:06:56  
 LON: 138 19.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.46	29.38	1434.09	179.0	-1.49	33.27	1442.76
1.5	-1.50	29.29	1434.09	184.0	-1.48	33.34	1443.03
2.3	-1.51	29.30	1434.16	189.4	-1.46	33.41	1443.43
3.0	-1.51	29.31	1434.16	194.0	-1.46	33.43	1443.43
4.2	-1.53	29.33	1434.22	199.7	-1.39	33.52	1444.02
5.7	-1.53	29.33	1434.22	204.3	-1.35	33.58	1444.34
6.4	-1.53	29.33	1434.22	209.7	-1.30	33.66	1444.69
7.2	-1.54	29.34	1434.29	214.3	-1.27	33.74	1445.08
8.7	-1.54	29.34	1434.29	219.3	-1.21	33.82	1445.59
9.8	-1.55	29.34	1434.29	224.7	-1.15	33.86	1445.89
11.7	-1.55	29.35	1434.35	229.7	-1.06	33.95	1446.55
13.2	-1.56	29.36	1434.42	234.3	-.97	34.05	1447.21
15.8	-1.56	29.37	1434.48	239.3	-.91	34.16	1447.80
17.3	-1.57	29.38	1434.43	244.7	-.79	34.27	1448.67
19.6	-1.57	29.38	1434.55	249.0	-.70	34.27	1449.08
21.5	-1.57	29.41	1434.62	254.4	-.62	34.33	1449.61
23.3	-1.55	29.51	1434.89	259.4	-.54	34.42	1450.21
25.6	-1.46	30.30	1436.87	264.0	-.47	34.44	1450.54
27.1	-1.35	30.83	1438.17	269.0	-.42	34.50	1451.07
29.7	-1.26	30.95	1438.35	274.4	-.33	34.52	1451.54
31.3	-1.27	30.91	1438.09	279.1	-.30	34.55	1451.88
33.9	-1.33	30.94	1438.02	284.5	-.22	34.58	1452.28
35.4	-1.35	30.96	1438.02	289.5	-.18	34.61	1452.61
37.7	-1.38	30.97	1437.96	294.2	-.14	34.63	1452.82
39.2	-1.39	30.97	1437.89	300.0	-.09	34.66	1453.16
41.4	-1.41	30.97	1437.64				
43.7	-1.41	31.04	1438.09				
45.2	-1.42	31.02	1437.95				
47.5	-1.42	31.08	1438.03				
49.0	-1.41	31.16	1438.28				
51.2	-1.40	31.23	1438.47				
53.5	-1.38	31.41	1438.93				
55.0	-1.36	31.46	1439.00				
57.7	-1.34	31.62	1439.34				
59.6	-1.30	31.72	1439.73				
61.1	-1.29	31.74	1439.73				
63.3	-1.30	31.81	1439.86				
65.6	-1.31	31.89	1439.93				
67.1	-1.32	31.95	1439.99				
69.4	-1.34	32.00	1440.06				
71.7	-1.36	32.08	1440.06				
73.2	-1.36	32.11	1440.06				
75.5	-1.36	32.12	1440.06				
77.0	-1.38	32.17	1440.13				
79.6	-1.39	32.19	1440.19				
81.1	-1.40	32.22	1440.25				
83.4	-1.40	32.27	1440.26				
85.7	-1.41	32.30	1440.39				
87.2	-1.40	32.32	1440.45				
89.5	-1.40	32.34	1440.46				
91.4	-1.41	32.38	1440.52				
93.6	-1.42	32.40	1440.59				
95.2	-1.43	32.42	1440.59				
97.4	-1.43	32.45	1440.71				
99.0	-1.43	32.48	1440.72				
101.2	-1.43	32.48	1440.78				
103.5	-1.42	32.50	1440.79				
105.0	-1.43	32.53	1440.85				
107.3	-1.43	32.56	1440.98				
109.6	-1.44	32.59	1440.98				
111.1	-1.45	32.60	1441.04				
113.4	-1.44	32.62	1441.11				
115.7	-1.45	32.64	1441.12				
117.2	-1.45	32.67	1441.12				
119.1	-1.45	32.67	1441.18				
121.4	-1.46	32.70	1441.31				
123.7	-1.46	32.72	1441.31				
125.2	-1.47	32.75	1441.38				
127.5	-1.47	32.76	1441.38				
129.0	-1.47	32.77	1441.44				
131.3	-1.47	32.80	1441.44				
133.6	-1.48	32.83	1441.51				
135.1	-1.48	32.85	1441.57				
137.0	-1.49	32.87	1441.58				
139.3	-1.49	32.89	1441.64				
141.6	-1.49	32.92	1441.71				
143.5	-1.50	32.93	1441.77				
145.0	-1.50	32.94	1441.78				
147.3	-1.51	32.98	1441.78				
149.6	-1.51	32.99	1441.84				
154.2	-1.52	33.04	1441.91				
159.1	-1.52	33.09	1442.05				
164.5	-1.52	33.13	1442.24				
169.1	-1.52	33.18	1442.44				
174.4	-1.51	33.23	1442.56				



MIZPAC 84                      CAST# 8 DOWN  
 DATE: 84/09/25                TIME: 03:51:32  
 LAT: 73 24.4 N                LON: 139 05 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.55	29.38	1433.09	175.2	-1.56	33.23	1442.37
1.1	-1.54	29.23	1433.95	180.6	-1.56	33.29	1442.50
2.6	-1.54	29.20	1433.95	185.5	-1.55	33.32	1442.70
3.4	-1.56	29.22	1433.90	190.5	-1.54	33.37	1442.91
4.2	-1.57	29.21	1433.96	195.5	-1.52	33.41	1443.09
6.0	-1.56	29.20	1434.03	200.1	-1.49	33.47	1443.43
7.2	-1.56	29.21	1434.03	205.5	-1.46	33.52	1443.69
7.9	-1.57	29.19	1433.97	210.1	-1.43	33.57	1444.02
8.7	-1.57	29.20	1433.96	215.5	-1.39	33.64	1444.42
9.4	-1.57	29.20	1434.02	220.1	-1.33	33.71	1444.88
10.2	-1.57	29.19	1434.03	225.1	-1.29	33.78	1445.21
12.4	-1.57	29.20	1434.15	230.1	-1.20	33.84	1445.88
14.7	-1.57	29.20	1434.16	235.1	-1.13	33.93	1446.35
16.2	-1.57	29.20	1434.16	240.1	-1.05	34.02	1447.01
18.4	-1.58	29.21	1434.23	245.5	-.97	34.09	1447.60
20.7	-1.59	29.25	1434.41	250.5	-.88	34.19	1448.26
22.2	-1.38	30.15	1437.04	255.5	-.77	34.22	1448.75
24.5	-1.26	30.85	1438.28	260.1	-.76	34.32	1449.06
26.4	-1.24	30.91	1438.22	265.5	-.65	34.37	1449.73
28.6	-1.32	30.95	1438.02	270.6	-.57	34.43	1450.34
30.1	-1.36	30.96	1437.89	275.2	-.47	34.48	1450.87
32.4	-1.41	30.96	1437.64	280.6	-.38	34.53	1451.47
34.6	-1.45	30.97	1437.56	285.7	-.32	34.55	1451.88
36.2	-1.45	30.96	1437.50	290.3	-.26	34.59	1452.27
38.4	-1.43	31.03	1437.83	295.0	-.19	34.59	1452.62
40.7	-1.38	31.03	1438.09				
42.2	-1.39	31.01	1438.02				
44.5	-1.41	31.05	1437.96				
46.0	-1.41	31.12	1438.15				
48.2	-1.38	31.25	1438.53				
50.5	-1.34	31.45	1439.00				
52.4	-1.32	31.53	1439.20				
54.6	-1.33	31.62	1439.27				
56.2	-1.34	31.71	1439.40				
58.4	-1.35	31.80	1439.59				
60.7	-1.34	31.85	1439.73				
62.2	-1.34	31.89	1439.73				
64.5	-1.36	31.96	1439.86				
66.0	-1.36	31.99	1439.93				
68.3	-1.35	32.05	1440.06				
70.5	-1.35	32.08	1440.07				
72.4	-1.37	32.12	1440.13				
74.7	-1.38	32.17	1440.13				
76.2	-1.38	32.19	1440.25				
78.1	-1.39	32.24	1440.26				
80.4	-1.39	32.27	1440.33				
82.7	-1.39	32.31	1440.39				
84.2	-1.39	32.34	1440.46				
86.4	-1.40	32.38	1440.53				
88.3	-1.41	32.39	1440.58				
90.6	-1.40	32.42	1440.66				
92.5	-1.41	32.46	1440.72				
94.4	-1.41	32.48	1440.78				
96.3	-1.42	32.49	1440.78				
98.6	-1.43	32.53	1440.78				
100.1	-1.43	32.55	1440.85				
102.4	-1.45	32.59	1440.92				
104.7	-1.45	32.60	1440.85				
106.2	-1.45	32.61	1440.92				
108.5	-1.46	32.64	1440.99				
110.0	-1.46	32.66	1440.98				
112.3	-1.46	32.67	1441.05				
114.5	-1.47	32.70	1441.05				
116.1	-1.47	32.72	1441.12				
118.3	-1.47	32.74	1441.23				
120.6	-1.48	32.77	1441.19				
122.1	-1.49	32.79	1441.31				
124.1	-1.48	32.80	1441.31				
126.3	-1.50	32.83	1441.37				
128.2	-1.49	32.84	1441.38				
130.5	-1.49	32.86	1441.50				
132.0	-1.50	32.88	1441.50				
134.3	-1.50	32.89	1441.57				
136.6	-1.51	32.91	1441.52				
138.1	-1.51	32.92	1441.64				
140.4	-1.52	32.95	1441.64				
142.0	-1.51	32.95	1441.64				
144.2	-1.52	32.97	1441.71				
146.5	-1.52	32.99	1441.78				
148.1	-1.53	33.01	1441.78				
150.4	-1.53	33.02	1441.84				
155.7	-1.54	33.07	1441.91				
160.3	-1.56	33.12	1442.04				
165.6	-1.56	33.15	1442.11				
170.6	-1.56	33.20	1442.24				

MIZPAC 84  
 DATE: 84/09/26  
 LAT: 72 47.5 N

CAST# 9 DOWN  
 TIME: 04:01:31  
 LON: 141 36.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.56	28.80	1433.44	175.2	-1.57	33.31	1442.43
1.1	-1.56	28.19	1433.57	180.5	-1.56	33.37	1442.69
2.6	-1.55	28.85	1433.57	185.5	-1.56	33.41	1442.83
3.4	-1.55	28.86	1433.70	190.1	-1.54	33.44	1443.03
4.1	-1.56	28.87	1433.64	195.5	-1.47	33.52	1443.62
5.6	-1.55	28.87	1433.70	200.1	-1.44	33.55	1443.76
6.4	-1.55	28.87	1433.76	205.5	-1.46	33.63	1443.96
7.5	-1.55	28.88	1433.77	210.1	-1.41	33.71	1444.35
8.3	-1.55	28.87	1433.77	215.4	-1.33	33.82	1444.95
9.0	-1.55	28.87	1433.83	220.4	-1.21	33.92	1445.80
10.9	-1.56	28.89	1433.89	225.1	-1.16	33.98	1446.08
12.4	-1.55	28.88	1433.90	230.1	-1.04	34.08	1446.94
14.7	-1.56	28.88	1433.90	235.4	-.91	34.20	1447.83
16.5	-1.56	28.88	1433.90	240.1	-.83	34.27	1448.34
18.0	-1.55	28.87	1433.96	245.1	-.73	34.35	1449.07
20.3	-1.55	28.88	1433.96	250.5	-.61	34.42	1449.80
22.6	-1.52	28.99	1434.35	255.1	-.52	34.45	1450.28
24.1	-1.50	29.20	1434.81	260.1	-.46	34.49	1450.67
26.3	-1.44	29.77	1436.53	265.5	-.41	34.53	1451.06
28.6	-1.18	30.37	1438.08	270.2	-.36	34.56	1451.41
30.1	-1.18	30.47	1438.08	275.2	-.32	34.58	1451.74
32.7	-1.20	30.67	1438.29	280.6	-.25	34.60	1452.08
34.2	-1.24	30.87	1438.37	285.3	-.20	34.62	1452.35
36.5	-1.29	30.94	1438.35	290.7	-.17	34.65	1452.75
38.0	-1.32	30.97	1438.23	295.3	-.12	34.67	1453.02
40.3	-1.37	30.98	1438.03				
42.5	-1.41	31.01	1437.96				
44.1	-1.41	31.03	1438.02				
46.3	-1.41	31.02	1438.02				
48.6	-1.43	31.04	1437.96				
50.1	-1.43	31.10	1438.09				
52.4	-1.41	31.26	1438.55				
54.6	-1.38	31.44	1438.92				
56.5	-1.36	31.53	1439.07				
58.0	-1.36	31.60	1439.32				
60.3	-1.35	31.71	1439.46				
62.9	-1.35	31.81	1439.60				
64.5	-1.35	31.85	1439.73				
66.0	-1.35	31.92	1439.86				
68.2	-1.36	31.98	1439.86				
70.5	-1.37	32.04	1440.00				
72.4	-1.38	32.11	1440.06				
74.7	-1.39	32.16	1440.13				
76.2	-1.39	32.19	1440.20				
78.5	-1.39	32.24	1440.32				
80.0	-1.40	32.28	1440.39				
82.3	-1.39	32.32	1440.39				
84.5	-1.41	32.35	1440.45				
86.0	-1.41	32.38	1440.52				
88.3	-1.42	32.41	1440.53				
90.6	-1.43	32.45	1440.59				
92.1	-1.44	32.48	1440.65				
94.4	-1.45	32.50	1440.66				
96.7	-1.45	32.52	1440.66				
98.6	-1.46	32.53	1440.65				
100.1	-1.47	32.56	1440.66				
102.4	-1.48	32.57	1440.66				
104.6	-1.50	32.61	1440.72				
106.2	-1.50	32.63	1440.72				
108.4	-1.51	32.66	1440.79				
110.0	-1.52	32.69	1440.85				
112.2	-1.52	32.69	1440.85				
114.5	-1.53	32.72	1440.85				
116.0	-1.52	32.74	1440.92				
118.3	-1.53	32.77	1440.98				
120.6	-1.53	32.78	1441.05				
122.1	-1.54	32.81	1441.05				
124.4	-1.55	32.83	1441.12				
126.7	-1.55	32.86	1441.18				
128.2	-1.54	32.86	1441.24				
130.5	-1.54	32.88	1441.25				
132.4	-1.55	32.90	1441.37				
134.7	-1.55	32.92	1441.32				
136.2	-1.56	32.94	1441.38				
138.5	-1.57	32.97	1441.38				
140.4	-1.56	32.98	1441.45				
142.7	-1.57	33.00	1441.51				
144.2	-1.57	33.00	1441.51				
146.5	-1.58	33.02	1441.57				
148.0	-1.58	33.04	1441.64				
150.3	-1.59	33.06	1441.59				
155.3	-1.60	33.11	1441.71				
160.3	-1.60	33.15	1441.84				
165.6	-1.58	33.21	1442.11				
170.6	-1.58	33.25	1442.17				

MIZPAC 84  
 DATE: 84/10/11  
 LAT: 72 29.9 N

CAST# 10 DOWN  
 TIME: 04:23:50  
 LON: 144 31.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.28	25.99	1427.64	175.2	-1.64	33.17	1441.91	900.1	.06	34.92	1464.03
1.5	-1.29	25.93	1419.09	180.6	-1.62	33.23	1442.17	910.0	.05	34.92	1464.17
2.3	-1.30	25.92	1428.01	185.1	-1.61	33.27	1442.30	920.8	.03	34.94	1464.31
3.0	-1.32	25.97	1428.36	190.1	-1.61	33.34	1442.57	930.3	.02	34.94	1464.44
4.5	-1.33	25.97	1428.60	195.1	-1.58	33.40	1442.83	940.2	.01	34.93	1464.57
5.3	-1.35	25.97	1428.81	200.9	-1.54	33.49	1443.23	950.1	.01	34.93	1464.65
6.0	-1.36	25.97	1429.00	205.5	-1.50	33.56	1443.62	960.1	-.01	34.94	1464.78
7.5	-1.38	25.96	1429.38	210.1	-1.45	33.64	1444.09	970.0	-.02	34.93	1464.85
8.3	-1.38	25.98	1430.05	215.1	-1.36	33.75	1444.81	980.9	-.04	34.95	1464.99
9.0	-1.39	26.05	1430.28	220.5	-1.24	33.88	1445.62	990.4	-.05	34.94	1465.12
10.9	-1.42	26.20	1430.57	225.1	-1.10	33.99	1446.48	1000.0	-.05	34.94	1465.26
12.0	-1.42	26.25	1430.70	230.5	-.96	34.09	1447.28	1010.0	-.06	34.94	1465.33
14.3	-1.44	26.85	1431.52	235.1	-.87	34.19	1447.94	1020.4	-.06	34.94	1465.53
16.6	-1.52	28.18	1433.04	240.5	-.77	34.27	1448.61	1030.0	-.08	34.95	1465.60
18.1	-1.54	28.38	1433.18	245.5	-.66	34.33	1449.34	1040.1	-.08	34.94	1465.74
20.3	-1.55	28.46	1433.37	250.5	-.62	34.38	1449.67	1050.1	-.10	34.95	1465.87
22.2	-1.55	28.48	1433.50	255.1	-.54	34.43	1450.14	1060.1	-.10	34.94	1466.01
24.5	-1.56	28.49	1433.51	260.5	-.48	34.47	1450.54	1070.6	-.12	34.95	1466.14
26.4	-1.55	28.49	1433.44	265.2	-.42	34.49	1450.94	1080.3	-.12	34.94	1466.22
28.6	-1.56	28.50	1433.57	270.6	-.34	34.53	1451.41	1090.4	-.12	34.93	1466.35
30.1	-1.55	28.50	1433.57	275.2	-.30	34.57	1451.75	1100.0	-.13	34.93	1466.55
32.4	-1.55	28.51	1433.70	289.9	-.17	34.65	1452.75	1110.1	-.15	34.95	1466.63
35.0	-1.46	29.27	1435.45	290.7	-.16	34.66	1452.82	1120.2	-.15	34.94	1466.75
36.5	-1.39	29.38	1435.91	291.5	-.15	34.66	1452.82	1130.8	-.16	34.95	1466.96
38.0	-1.34	29.79	1436.77	295.0	-.13	34.67	1453.02	1140.1	-.17	34.95	1467.04
40.3	-1.30	30.25	1437.37	300.4	-.09	34.69	1453.29	1150.2	-.17	34.94	1467.11
42.6	-1.38	30.46	1437.30	310.1	-.02	34.72	1453.83	1160.4	-.17	34.93	1467.31
44.1	-1.42	30.58	1437.23	320.6	.06	34.75	1454.43	1170.1	-.18	34.94	1467.44
46.0	-1.42	30.73	1437.63	330.3	.13	34.75	1454.90	1180.3	-.20	34.95	1467.58
48.2	-1.37	30.88	1438.08	340.8	.20	34.79	1455.44	1190.0	-.20	34.94	1467.72
50.5	-1.35	30.94	1438.22	350.9	.24	34.80	1455.84	1200.7	-.21	34.95	1467.86
52.0	-1.37	30.95	1438.16	360.7	.29	34.82	1456.18	1210.0	-.21	34.95	1467.99
54.3	-1.41	31.00	1438.09	370.0	.33	34.82	1456.52	1221.1	-.22	34.94	1468.13
56.5	-1.45	31.03	1438.02	380.6	.35	34.84	1456.85	1230.0	-.23	34.95	1468.26
58.1	-1.46	31.10	1438.15	390.4	.38	34.85	1457.19	1240.3	-.24	34.95	1468.47
60.3	-1.45	31.16	1438.28	400.9	.41	34.84	1457.39	1250.1	-.23	34.94	1468.61
62.6	-1.44	31.35	1438.73	410.3	.42	34.85	1457.60	1260.8	-.24	34.95	1468.68
64.1	-1.43	31.45	1438.80	420.5	.43	34.86	1457.80	1270.2	-.24	34.94	1468.81
66.4	-1.42	31.59	1439.14	430.4	.43	34.86	1458.00	1280.4	-.25	34.96	1468.96
68.3	-1.42	31.67	1439.21	440.2	.44	34.87	1458.20	1290.7	-.25	34.95	1469.09
70.2	-1.41	31.71	1439.27	450.4	.45	34.88	1458.41	1300.2	-.26	34.94	1469.23
72.8	-1.44	31.77	1439.33	460.3	.46	34.88	1458.67	1310.5	-.27	34.96	1469.36
74.3	-1.45	31.83	1439.34	470.1	.47	34.89	1458.87	1320.3	-.28	34.95	1469.50
76.6	-1.43	31.88	1439.54	480.4	.47	34.89	1459.01	1330.7	-.28	34.96	1469.70
78.1	-1.44	31.94	1439.66	490.3	.48	34.90	1459.28	1340.6	-.28	34.95	1469.84
80.8	-1.43	31.97	1439.73	500.2	.49	34.88	1459.48	1350.1	-.29	34.95	1469.98
82.7	-1.44	32.06	1439.80	510.5	.48	34.91	1459.62	1360.8	-.29	34.95	1470.11
84.5	-1.44	32.10	1439.94	520.8	.49	34.91	1459.82	1370.8	-.30	34.95	1470.32
86.1	-1.43	32.15	1440.06	530.7	.49	34.90	1459.90	1380.3	-.30	34.95	1470.39
88.3	-1.44	32.19	1440.07	540.6	.49	34.90	1460.16	1390.2	-.31	34.96	1470.53
90.6	-1.44	32.23	1440.19	550.6	.49	34.90	1460.30	1400.6	-.31	34.95	1470.73
92.5	-1.44	32.28	1440.32	560.5	.48	34.91	1460.43	1410.6	-.32	34.95	1470.87
94.4	-1.44	32.31	1440.39	570.1	.48	34.90	1460.50	1420.6	-.32	34.95	1470.95
96.7	-1.44	32.35	1440.46	580.1	.47	34.90	1460.70	1430.2	-.32	34.94	1471.15
98.2	-1.44	32.39	1440.53	590.4	.45	34.92	1460.77	1440.2	-.33	34.96	1471.29
100.5	-1.46	32.42	1440.65	600.4	.44	34.92	1460.91	1450.6	-.33	34.95	1471.42
102.0	-1.46	32.44	1440.66	610.4	.43	34.91	1461.04	1460.6	-.34	34.96	1471.56
104.3	-1.46	32.47	1440.72	620.1	.42	34.92	1461.18	1470.2	-.34	34.95	1471.77
106.6	-1.46	32.50	1440.79	630.5	.42	34.91	1461.25	1480.7	-.35	34.96	1471.90
108.1	-1.47	32.51	1440.79	640.1	.40	34.92	1461.32	1490.8	-.35	34.95	1472.04
110.4	-1.44	32.55	1440.99	650.6	.38	34.92	1461.52				
112.6	-1.45	32.58	1441.04	660.6	.37	34.92	1461.58				
114.2	-1.46	32.60	1441.05	670.7	.37	34.91	1461.65				
116.4	-1.49	32.64	1440.98	680.4	.34	34.93	1461.79				
118.0	-1.51	32.64	1440.79	690.0	.34	34.92	1461.93				
120.2	-1.49	32.67	1441.06	700.1	.32	34.93	1461.99				
122.5	-1.51	32.68	1441.05	710.6	.30	34.92	1462.13				
124.1	-1.51	32.70	1441.05	720.8	.29	34.93	1462.20				
126.3	-1.53	32.72	1440.99	730.1	.28	34.92	1462.33				
129.0	-1.54	32.75	1441.05	740.2	.26	34.93	1462.40				
130.5	-1.55	32.76	1441.05	750.4	.25	34.92	1462.47				
132.0	-1.56	32.79	1441.05	760.1	.23	34.93	1462.53				
134.3	-1.56	32.81	1441.12	770.3	.21	34.92	1462.67				
136.6	-1.57	32.83	1441.12	780.0	.20	34.93	1462.74				
138.1	-1.57	32.84	1441.18	790.2	.18	34.93	1462.88				
140.1	-1.58	32.87	1441.25	800.0	.18	34.93	1463.01				
142.3	-1.58	32.88	1441.25	810.2	.17	34.93	1463.08				
144.6	-1.59	32.92	1441.31	820.5	.15	34.93	1463.15				
146.5	-1.59	32.92	1441.31	830.3	.15	34.93	1463.29				
148.1	-1.59	32.93	1441.38	840.5	.13	34.92	1463.42				
150.4	-1.60	32.96	1441.45	850.4	.12	34.93	1463.56				
155.7	-1.61	33.02	1441.58	860.2	.11	34.93	1463.56				
160.7	-1.60	33.03	1441.58	870.1	.09	34.93	1463.76				
165.2	-1.63	33.09	1441.71	880.4	.08	34.93	1463.83				
170.6	-1.63	33.15	1441.84	890.6	.06	34.92	1463.90				



MIZPAC 84  
 DATE: 84:10:13  
 LAT: 72 31.5 N

CAST# 11 DOWN  
 TIME: 03:14:43  
 LON: 144 37.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.25	25.75	1427.79	175.6	-1.61	33.18	1441.98	900.9	.06	34.92	1463.97
1.5	-1.30	25.75	1428.30	180.2	-1.60	33.24	1442.30	910.0	.04	34.92	1464.16
2.3	-1.34	25.81	1428.43	185.2	-1.59	33.27	1442.44	920.7	.03	34.91	1464.30
3.4	-1.36	25.84	1429.36	190.5	-1.59	33.31	1442.50	931.1	.02	34.93	1464.31
4.2	-1.37	25.85	1429.66	195.5	-1.58	33.40	1442.83	940.2	.01	34.93	1464.51
5.7	-1.38	25.93	1430.11	200.5	-1.54	33.48	1443.16	950.5	-.00	34.92	1464.58
6.4	-1.39	25.99	1430.24	205.1	-1.51	33.54	1443.49	960.1	-.02	34.92	1464.71
7.2	-1.39	26.28	1430.62	210.5	-1.42	33.66	1444.22	970.0	-.02	34.92	1464.79
9.1	-1.43	26.49	1430.96	215.1	-1.36	33.72	1444.62	980.4	-.04	34.93	1464.92
9.8	-1.44	26.70	1431.21	220.1	-1.25	33.81	1445.28	990.4	-.04	34.92	1465.06
10.6	-1.45	27.02	1431.29	225.5	-1.14	33.92	1446.08	1000.0	-.06	34.93	1465.19
12.1	-1.48	27.42	1432.19	230.1	-1.06	34.01	1446.68	1010.4	-.07	34.93	1465.26
14.3	-1.53	28.31	1433.16	235.1	-.90	34.13	1447.67	1020.4	-.07	34.90	1465.33
16.6	-1.54	28.46	1433.37	240.5	-.79	34.21	1448.41	1030.0	-.09	34.93	1465.47
18.1	-1.55	28.48	1433.38	245.1	-.69	34.28	1449.07	1040.5	-.09	34.92	1465.60
20.7	-1.54	28.49	1433.44	250.5	-.62	34.33	1449.41	1050.5	-.10	34.92	1465.94
22.2	-1.54	28.49	1433.51	255.1	-.56	34.41	1449.99	1061.0	-.10	34.91	1465.94
24.5	-1.55	28.49	1433.51	260.2	-.49	34.45	1450.48	1070.6	-.13	34.92	1466.02
26.4	-1.55	28.50	1433.44	265.2	-.43	34.50	1450.88	1080.3	-.12	34.92	1466.21
28.3	-1.55	28.53	1433.64	270.6	-.37	34.53	1451.21	1090.8	-.13	34.92	1466.35
30.5	-1.55	28.52	1433.63	276.0	-.35	34.56	1451.54	1100.0	-.14	34.93	1466.42
32.0	-1.55	28.53	1433.64	280.6	-.30	34.58	1451.87	1110.1	-.15	34.92	1466.56
34.3	-1.53	28.90	1434.58	285.3	-.24	34.61	1452.28	1120.6	-.16	34.92	1466.69
36.2	-1.41	29.53	1435.98	291.1	-.18	34.64	1452.55	1130.3	-.17	34.93	1466.83
38.4	-1.31	30.08	1437.08	295.0	-.14	34.66	1452.82	1140.1	-.17	34.92	1466.97
40.7	-1.31	30.37	1437.43	300.0	-.11	34.66	1453.15	1150.2	-.18	34.93	1467.10
42.2	-1.35	30.61	1437.79	310.5	-.01	34.70	1453.82	1160.3	-.19	34.93	1467.24
44.5	-1.33	30.78	1437.96	320.2	.05	34.72	1454.29	1170.5	-.19	34.94	1467.38
46.0	-1.32	30.85	1438.15	330.3	.12	34.75	1454.83	1180.3	-.20	34.94	1467.51
48.6	-1.35	30.92	1438.09	340.4	.18	34.76	1455.24	1191.3	-.21	34.94	1467.65
50.1	-1.36	30.94	1438.09	350.5	.24	34.78	1455.71	1200.6	-.21	34.94	1467.79
52.4	-1.39	30.97	1438.02	360.7	.29	34.80	1456.11	1210.0	-.21	34.93	1467.92
54.7	-1.42	31.01	1438.02	370.4	.33	34.82	1456.44	1220.6	-.22	34.93	1468.12
56.2	-1.46	31.00	1437.83	380.2	.36	34.81	1456.79	1230.4	-.22	34.92	1468.20
58.5	-1.47	31.02	1437.83	390.0	.38	34.84	1456.99	1240.2	-.24	34.94	1468.33
60.0	-1.48	31.03	1437.76	400.6	.40	34.83	1457.26	1250.0	-.24	34.94	1468.54
62.6	-1.50	31.09	1437.89	410.0	.40	34.85	1457.53	1260.7	-.25	34.95	1468.67
64.1	-1.48	31.14	1438.08	420.2	.43	34.84	1457.73	1270.6	-.25	34.93	1468.75
66.4	-1.45	31.32	1438.54	430.0	.43	34.86	1458.00	1280.4	-.26	34.95	1468.89
69.0	-1.43	31.47	1438.87	440.6	.45	34.86	1458.14	1290.7	-.26	34.95	1469.09
70.6	-1.42	31.58	1439.07	450.0	.44	34.87	1458.34	1300.1	-.27	34.94	1469.22
72.4	-1.42	31.63	1439.18	460.7	.46	34.87	1458.61	1310.0	-.27	34.93	1469.36
74.0	-1.41	31.69	1439.27	470.1	.47	34.87	1458.74	1320.3	-.28	34.93	1469.50
76.2	-1.39	31.76	1439.53	480.0	.47	34.87	1458.95	1330.6	-.29	34.95	1469.64
78.5	-1.41	31.84	1439.59	491.1	.47	34.88	1459.21	1340.5	-.29	34.95	1469.77
80.4	-1.41	31.90	1439.67	500.6	.48	34.88	1459.42	1350.5	-.30	34.94	1469.91
82.7	-1.41	31.97	1439.86	510.9	.49	34.88	1459.55	1360.4	-.30	34.94	1470.11
84.6	-1.42	32.01	1439.80	520.4	.48	34.88	1459.76	1370.3	-.30	34.94	1470.19
86.8	-1.43	32.08	1439.93	530.7	.48	34.89	1459.89	1380.7	-.32	34.92	1470.39
88.7	-1.43	32.13	1440.00	540.2	.49	34.90	1460.04	1390.2	-.32	34.95	1470.53
90.3	-1.44	32.16	1440.00	551.0	.48	34.90	1460.23	1400.2	-.32	34.93	1470.67
92.5	-1.42	32.22	1440.26	560.5	.47	34.90	1460.30	1410.1	-.33	34.93	1470.74
94.4	-1.40	32.24	1440.39	570.5	.47	34.90	1460.43	1420.6	-.33	34.95	1470.94
96.7	-1.40	32.30	1440.58	580.1	.46	34.91	1460.57	1430.6	-.33	34.93	1471.08
98.2	-1.41	32.34	1440.59	590.8	.45	34.91	1460.71	1440.6	-.34	34.95	1471.22
100.1	-1.42	32.39	1440.59	600.4	.44	34.90	1460.77	1450.1	-.34	34.95	1471.35
102.4	-1.43	32.41	1440.59	610.4	.43	34.90	1460.98	1460.6	-.34	34.94	1471.56
104.7	-1.47	32.44	1440.59	620.5	.43	34.90	1461.11	1470.6	-.35	34.95	1471.70
106.2	-1.48	32.48	1440.53	630.5	.41	34.91	1461.18	1480.7	-.36	34.95	1471.90
108.5	-1.44	32.53	1440.92	640.5	.40	34.90	1461.25	1491.2	-.36	34.95	1472.04
110.0	-1.45	32.53	1440.79	650.2	.38	34.90	1461.38	1500.8	-.36	34.95	1472.11
112.7	-1.45	32.57	1440.92	660.2	.37	34.88	1461.52				
114.6	-1.45	32.59	1440.98	670.3	.36	34.91	1461.59				
116.5	-1.46	32.60	1440.98	680.8	.35	34.88	1461.72				
118.0	-1.47	32.62	1440.92	690.0	.33	34.88	1461.80				
120.3	-1.48	32.64	1440.98	700.5	.31	34.91	1461.99				
122.5	-1.49	32.67	1440.99	710.2	.30	34.91	1461.99				
124.1	-1.50	32.69	1441.05	721.2	.29	34.91	1462.13				
126.0	-1.50	32.71	1441.18	730.5	.28	34.91	1462.20				
128.6	-1.49	32.73	1441.18	740.6	.25	34.90	1462.39				
130.2	-1.51	32.76	1441.18	751.2	.24	34.90	1462.40				
132.4	-1.50	32.76	1441.31	760.1	.23	34.89	1462.47				
134.0	-1.50	32.78	1441.31	770.3	.21	34.92	1462.61				
136.3	-1.50	32.79	1441.38	780.4	.20	34.92	1462.73				
138.5	-1.50	32.82	1441.45	790.6	.19	34.92	1462.87				
140.5	-1.52	32.87	1441.45	800.4	.18	34.91	1462.95				
142.0	-1.53	32.88	1441.45	810.2	.18	34.91	1463.01				
144.3	-1.52	32.89	1441.51	820.0	.15	34.92	1463.15				
146.6	-1.52	32.91	1441.58	830.3	.14	34.92	1463.29				
148.1	-1.53	32.92	1441.64	840.5	.12	34.91	1463.35				
150.4	-1.52	32.95	1441.78	850.8	.12	34.91	1463.49				
156.1	-1.54	33.00	1441.84	860.6	.10	34.92	1463.62				
161.1	-1.57	33.05	1441.84	870.5	.09	34.92	1463.69				
165.6	-1.57	33.08	1441.90	880.3	.08	34.92	1463.82				
170.2	-1.59	33.14	1441.97	890.6	.07	34.91	1463.89				

MIZPAC 84  
 DATE: 84/10/14  
 LAT: 72 27.8 N

CAST# 12 DOWN  
 TIME: 06:11:36  
 LON: 144 32.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
25.9	-1.54	28.42	1433.51	361.3	.30	34.81	1456.11	1256.2	-.24	34.92	1468.61
28.1	-1.54	28.45	1433.57	371.8	.34	34.82	1456.52	1266.9	-.24	34.92	1468.75
30.7	-1.55	28.47	1433.68	382.7	.37	34.83	1456.85	1277.2	-.25	34.93	1468.95
33.4	-1.54	28.57	1433.90	392.9	.39	34.84	1457.18	1287.5	-.26	34.92	1469.02
35.6	-1.48	29.26	1435.32	403.1	.40	34.83	1457.33	1297.8	-.26	34.93	1469.16
37.9	-1.36	29.82	1436.63	413.7	.41	34.86	1457.60	1308.5	-.27	34.94	1469.36
40.1	-1.31	30.27	1437.41	423.9	.43	34.85	1457.80	1319.7	-.27	34.94	1469.50
42.8	-1.29	30.54	1437.89	434.5	.43	34.86	1458.06	1330.0	-.28	34.92	1469.64
45.4	-1.31	30.81	1438.15	445.1	.45	34.86	1458.27	1340.7	-.29	34.95	1469.84
47.7	-1.33	30.89	1438.22	455.8	.46	34.87	1458.47	1351.1	-.30	34.89	1469.91
50.0	-1.37	30.94	1438.09	466.4	.47	34.87	1458.74	1361.9	-.30	34.94	1470.12
52.2	-1.39	30.97	1438.03	476.7	.48	34.87	1458.95	1372.7	-.30	34.93	1470.25
54.5	-1.42	30.98	1438.02	487.3	.48	34.87	1459.08	1383.1	-.30	34.92	1470.39
56.8	-1.45	31.01	1437.89	497.6	.48	34.88	1459.28	1393.4	-.31	34.94	1470.66
59.0	-1.47	31.08	1438.02	508.7	.48	34.86	1459.49	1403.8	-.31	34.94	1470.74
61.3	-1.44	31.24	1438.41	519.0	.49	34.87	1459.69	1414.3	-.32	34.92	1470.85
63.6	-1.43	31.35	1438.61	529.3	.48	34.90	1459.83	1425.1	-.33	34.94	1471.08
65.8	-1.40	31.53	1439.11	540.0	.48	34.88	1460.09	1436.0	-.33	34.95	1471.22
68.5	-1.43	31.65	1439.07	550.4	.49	34.87	1460.17	1446.9	-.33	34.92	1471.42
70.8	-1.41	31.72	1439.34	561.1	.48	34.89	1460.37	1458.2	-.34	34.94	1471.56
73.0	-1.42	31.80	1439.46	571.9	.47	34.87	1460.50				
75.7	-1.41	31.85	1439.60	583.1	.46	34.90	1460.71				
77.9	-1.40	31.90	1439.67	593.4	.45	34.90	1460.71				
81.0	-1.41	31.93	1439.67	603.8	.43	34.88	1460.90				
83.3	-1.42	32.04	1440.00	614.6	.43	34.89	1461.04				
85.5	-1.40	32.11	1440.13	625.1	.42	34.89	1461.11				
87.8	-1.41	32.16	1440.19	635.5	.41	34.87	1461.25				
90.1	-1.40	32.20	1440.32	645.9	.40	34.90	1461.32				
92.4	-1.41	32.26	1440.33	656.4	.39	34.89	1461.52				
94.6	-1.44	32.30	1440.33	667.7	.37	34.89	1461.59				
96.9	-1.44	32.33	1440.39	678.1	.36	34.87	1461.72				
99.2	-1.44	32.36	1440.46	688.6	.34	34.89	1461.85				
101.5	-1.44	32.41	1440.59	698.7	.33	34.90	1461.93				
104.1	-1.46	32.45	1440.59	709.2	.31	34.91	1462.01				
106.4	-1.47	32.48	1440.59	720.1	.29	34.88	1462.19				
109.1	-1.48	32.51	1440.66	730.7	.28	34.89	1462.27				
111.3	-1.48	32.53	1440.77	740.8	.26	34.92	1462.33				
113.6	-1.49	32.55	1440.72	751.0	.26	34.92	1462.47				
116.3	-1.51	32.60	1440.72	761.1	.24	34.92	1462.54				
118.6	-1.51	32.62	1440.85	771.7	.23	34.91	1462.67				
120.8	-1.52	32.64	1440.79	782.3	.22	34.91	1462.81				
123.1	-1.53	32.67	1440.79	792.5	.20	34.92	1462.95				
125.4	-1.54	32.69	1440.85	803.5	.19	34.92	1462.95				
127.7	-1.54	32.72	1440.98	813.7	.18	34.91	1463.08				
130.0	-1.54	32.73	1440.99	824.7	.15	34.91	1463.22				
132.6	-1.55	32.77	1441.11	835.4	.14	34.91	1463.29				
134.9	-1.56	32.79	1441.11	845.6	.12	34.93	1463.48				
137.2	-1.56	32.82	1441.18	856.3	.12	34.91	1463.49				
139.9	-1.58	32.85	1441.12	867.0	.10	34.92	1463.63				
142.2	-1.57	32.86	1441.18	877.7	.09	34.89	1463.83				
144.5	-1.59	32.89	1441.25	887.9	.08	34.89	1463.96				
146.8	-1.59	32.90	1441.25	899.1	.06	34.90	1464.03				
149.0	-1.60	32.93	1441.31	909.8	.05	34.92	1464.23				
154.8	-1.60	32.97	1441.45	920.1	.04	34.93	1464.30				
160.5	-1.62	33.03	1441.57	930.5	.03	34.92	1464.44				
165.8	-1.64	33.08	1441.58	940.8	.02	34.92	1464.51				
171.6	-1.63	33.13	1441.78	951.2	.01	34.55	1464.65				
176.9	-1.62	33.17	1441.97	961.5	-.01	34.86	1464.78				
182.7	-1.61	33.23	1442.17	972.3	-.02	34.93	1464.92				
188.0	-1.61	33.29	1442.37	982.7	-.03	34.93	1464.99				
194.2	-1.59	33.36	1442.70	993.1	-.04	34.93	1465.19				
199.5	-1.56	33.44	1443.08	1003.9	-.05	34.93	1465.26				
204.9	-1.51	33.52	1443.50	1014.3	-.07	34.93	1465.39				
210.3	-1.45	33.59	1443.89	1024.4	-.07	34.93	1465.53				
216.1	-1.36	33.73	1444.75	1035.2	-.08	34.93	1465.61				
221.4	-1.22	33.87	1445.62	1045.7	-.08	34.92	1465.74				
227.2	-1.03	34.01	1446.80	1056.1	-.10	34.93	1465.88				
232.6	-.93	34.11	1447.54	1066.6	-.11	34.88	1466.07				
238.0	-.82	34.19	1448.27	1077.1	-.12	34.93	1466.22				
243.4	-.73	34.29	1448.87	1088.0	-.12	34.92	1466.35				
248.8	-.62	34.37	1449.61	1098.1	-.13	34.93	1466.49				
254.2	-.53	34.42	1450.14	1108.6	-.14	34.93	1466.56				
259.6	-.46	34.48	1450.61	1119.6	-.15	34.93	1466.69				
265.4	-.39	34.52	1451.08	1129.7	-.15	34.93	1466.89				
270.8	-.35	34.54	1451.35	1139.8	-.16	34.93	1467.04				
276.6	-.29	34.57	1451.75	1150.8	-.17	34.91	1467.10				
282.0	-.24	34.62	1452.08	1162.2	-.18	34.91	1467.24				
287.4	-.22	34.63	1452.35	1172.4	-.18	34.92	1467.45				
292.5	-.18	34.66	1452.69	1183.4	-.19	34.92	1467.58				
298.3	-.11	34.68	1453.09	1193.6	-.20	34.93	1467.72				
309.1	-.02	34.70	1453.75	1204.2	-.21	34.92	1467.86				
319.2	.06	34.74	1454.36	1214.9	-.22	34.93	1468.06				
329.7	.12	34.75	1454.83	1225.1	-.22	34.92	1468.13				
340.2	.19	34.77	1455.30	1235.7	-.23	34.94	1468.27				
350.7	.26	34.79	1455.77	1246.0	-.23	34.94	1468.47				



MIZPAC 84  
DATE: 84/10/14  
LAT: 72 27.8 N

CAST# 12 UP  
TIME: 06:11:36  
LON: 144 32.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1500.3	-0.36	34.96	1472.18	613.2	-0.43	34.90	1460.98	84.6	-1.40	32.13	1440.26
1489.8	-0.35	34.95	1472.04	602.4	-0.44	34.89	1460.84	82.3	-1.40	32.10	1440.13
1479.4	-0.35	34.94	1471.83	591.6	-0.45	34.89	1460.71	79.6	-1.40	32.01	1439.98
1469.3	-0.33	34.94	1471.70	581.3	-0.46	34.90	1460.64	77.4	-1.42	31.95	1439.80
1458.9	-0.34	34.94	1471.49	570.9	-0.47	34.89	1460.50	75.1	-1.42	31.90	1439.67
1448.4	-0.33	34.94	1471.42	560.5	-0.48	34.89	1460.31	72.8	-1.41	31.86	1439.59
1437.5	-0.33	34.95	1471.28	550.2	-0.49	34.88	1460.23	70.2	-1.42	31.77	1439.40
1427.1	-0.33	34.94	1471.08	539.4	-0.49	34.88	1460.03	67.9	-1.42	31.74	1439.32
1416.2	-0.33	34.94	1470.94	528.7	-0.49	34.88	1459.89	65.6	-1.42	31.62	1439.21
1405.8	-0.31	34.93	1470.74	518.4	-0.49	34.88	1459.69	63.4	-1.39	31.47	1438.94
1395.4	-0.31	34.94	1470.60	507.7	-0.49	34.88	1459.55	61.1	-1.43	31.34	1438.68
1385.0	-0.31	34.94	1470.46	497.0	-0.48	34.88	1459.28	58.8	-1.43	31.16	1438.33
1374.2	-0.30	34.93	1470.26	486.3	-0.48	34.87	1459.15	56.2	-1.46	31.05	1437.96
1363.8	-0.30	34.94	1470.18	475.7	-0.48	34.86	1458.95	53.9	-1.46	31.02	1437.96
1353.5	-0.29	34.94	1469.98	464.6	-0.48	34.85	1458.74	51.6	-1.45	31.00	1437.91
1342.7	-0.29	34.93	1469.84	454.0	-0.47	34.84	1458.48	49.4	-1.41	30.98	1438.09
1331.9	-0.28	34.93	1469.64	443.3	-0.46	34.86	1458.27	47.1	-1.39	30.97	1438.17
1321.6	-0.27	34.94	1469.50	432.7	-0.44	34.85	1458.05	44.9	-1.34	30.91	1438.29
1310.9	-0.26	34.93	1469.36	421.7	-0.42	34.84	1457.80	41.8	-1.31	30.74	1437.95
1300.6	-0.26	34.94	1469.23	411.1	-0.42	34.83	1457.59	39.6	-1.32	30.59	1437.82
1290.3	-0.25	34.93	1469.09	400.6	-0.41	34.83	1457.39	37.3	-1.30	30.33	1437.27
1279.1	-0.25	34.93	1468.89	390.0	-0.40	34.82	1457.12	35.0	-1.33	29.73	1435.97
1268.8	-0.25	34.94	1468.81	379.4	-0.38	34.81	1456.85	32.8	-1.50	29.09	1434.21
1258.6	-0.25	34.95	1468.61	369.3	-0.34	34.80	1456.45	30.5	-1.54	28.55	1433.83
1247.9	-0.24	34.94	1468.47	359.1	-0.30	34.80	1456.05	28.3	-1.55	28.49	1433.70
1237.2	-0.23	34.93	1468.27	348.6	-0.26	34.77	1455.70	25.6	-1.55	28.47	1433.57
1227.0	-0.22	34.94	1468.20	338.1	-0.21	34.75	1455.30	23.4	-1.55	28.45	1433.51
1216.8	-0.21	34.93	1468.06	328.0	-0.12	34.73	1454.70	21.1	-1.55	28.44	1433.44
1206.2	-0.21	34.93	1467.86	317.1	-0.07	34.70	1454.23	18.5	-1.54	28.39	1433.44
1195.5	-0.21	34.94	1467.79	306.6	-0.03	34.68	1453.69	16.2	-1.54	28.21	1433.09
1185.3	-0.20	34.93	1467.58	298.8	-0.07	34.64	1453.22	14.0	-1.50	27.22	1432.01
1175.2	-0.19	34.94	1467.45	293.0	-0.13	34.63	1452.75	11.7	-1.48	27.02	1431.80
1165.0	-0.18	34.92	1467.31	287.6	-0.17	34.63	1452.55	9.4	-1.46	26.63	1431.37
1154.0	-0.18	34.93	1467.24	282.2	-0.21	34.60	1452.34	7.9	-1.42	26.05	1430.73
1143.9	-0.17	34.93	1467.04	276.8	-0.26	34.57	1451.88	6.1	-1.41	25.75	1430.31
1133.7	-0.17	34.93	1466.90	271.0	-0.30	34.55	1451.68	4.6	-1.38	25.48	1429.99
1123.6	-0.15	34.93	1466.83	265.6	-0.34	34.50	1451.28	3.0	-1.38	25.42	1430.00
1113.1	-0.15	34.93	1466.63	260.2	-0.41	34.46	1450.81	1.5	-1.38	25.40	1429.98
1103.0	-0.14	34.94	1466.56	254.8	-0.46	34.41	1450.41				
1092.4	-0.13	34.92	1466.35	249.7	-0.54	34.39	1449.87				
1081.9	-0.12	34.91	1466.28	243.6	-0.63	34.31	1449.27				
1071.0	-0.11	34.93	1466.08	238.2	-0.74	34.23	1448.54				
1060.5	-0.09	34.91	1466.00	232.8	-0.83	34.12	1447.94				
1050.1	-0.09	34.92	1465.87	227.4	-0.96	34.03	1447.07				
1039.6	-0.09	34.92	1465.73	222.0	-1.06	33.93	1446.34				
1029.2	-0.07	34.92	1465.60	216.6	-1.21	33.79	1445.28				
1019.2	-0.07	34.92	1465.46	211.2	-1.34	33.68	1444.42				
1009.1	-0.05	34.92	1465.33	205.9	-1.43	33.60	1443.89				
998.7	-0.04	34.92	1465.19	200.1	-1.50	33.49	1443.30				
988.3	-0.04	34.92	1465.06	194.7	-1.56	33.41	1442.89				
977.5	-0.02	34.91	1464.92	189.4	-1.58	33.32	1442.70				
966.7	-0.01	34.92	1464.85	183.2	-1.60	33.27	1442.30				
956.3	-0.00	34.91	1464.65	177.9	-1.61	33.21	1442.04				
946.0	0.01	34.92	1464.58	172.1	-1.62	33.16	1441.90				
935.6	0.03	34.90	1464.44	166.4	-1.63	33.10	1441.71				
924.9	0.03	34.92	1464.37	161.1	-1.63	33.03	1441.58				
914.6	0.04	34.91	1464.24	155.7	-1.62	33.00	1441.57				
904.2	0.05	34.92	1464.10	150.4	-1.60	32.95	1441.51				
893.9	0.06	34.92	1463.97	147.7	-1.59	32.92	1441.38				
883.2	0.08	34.92	1463.83	145.0	-1.60	32.92	1441.31				
872.9	0.09	34.91	1463.76	142.7	-1.59	32.88	1441.26				
862.3	0.10	34.91	1463.63	140.5	-1.59	32.88	1441.25				
852.0	0.12	34.91	1463.49	138.2	-1.57	32.85	1441.18				
841.7	0.13	34.91	1463.42	135.9	-1.57	32.83	1441.12				
831.5	0.14	34.92	1463.29	133.6	-1.56	32.81	1441.12				
820.9	0.15	34.91	1463.15	131.3	-1.55	32.79	1441.12				
810.6	0.17	34.92	1463.08	128.6	-1.56	32.77	1440.99				
800.4	0.19	34.91	1462.95	126.4	-1.54	32.73	1441.05				
789.8	0.20	34.91	1462.82	124.1	-1.54	32.70	1440.92				
779.6	0.22	34.90	1462.74	121.8	-1.54	32.69	1440.86				
769.5	0.22	34.91	1462.67	119.5	-1.53	32.67	1440.85				
759.3	0.23	34.91	1462.53	117.2	-1.52	32.64	1440.85				
749.1	0.25	34.91	1462.46	114.9	-1.51	32.61	1440.79				
738.6	0.26	34.90	1462.33	112.7	-1.50	32.58	1440.79				
728.0	0.28	34.90	1462.26	109.6	-1.49	32.54	1440.73				
717.9	0.29	34.90	1462.07	107.3	-1.47	32.49	1440.79				
707.4	0.31	34.90	1461.99	105.1	-1.48	32.48	1440.72				
696.5	0.32	34.91	1461.86	102.8	-1.47	32.45	1440.59				
686.4	0.33	34.91	1461.79	100.5	-1.46	32.43	1440.65				
675.9	0.35	34.91	1461.65	98.2	-1.44	32.39	1440.52				
665.8	0.37	34.90	1461.53	95.9	-1.44	32.35	1440.46				
655.0	0.39	34.89	1461.45	93.7	-1.44	32.31	1440.39				
644.9	0.40	34.90	1461.32	91.4	-1.44	32.26	1440.33				
634.1	0.41	34.89	1461.25	89.1	-1.41	32.23	1440.40				
623.7	0.42	34.90	1461.11	86.8	-1.41	32.19	1440.32				

MIZPAC 84  
 DATE: 84/10/15  
 LAT: 72 32.0 N

CAST# 13 DOWN  
 TIME: 23:27:08  
 LON: 144 37.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.36	25.78	1430.06	183.3	-1.61	33.26	1442.37	918.4	.03	34.89	1464.24
1.9	-1.35	25.68	1430.19	188.6	-1.60	33.31	1442.56	928.4	.01	34.91	1464.37
2.7	-1.35	25.71	1430.19	193.2	-1.58	33.36	1442.77	938.3	0.00	34.91	1464.51
3.8	-1.37	25.70	1430.00	198.6	-1.56	33.44	1443.16	948.2	-.01	34.91	1464.64
4.2	-1.39	25.74	1430.06	203.2	-1.52	33.48	1443.43	958.2	-.02	34.91	1464.71
5.7	-1.41	26.08	1430.76	208.2	-1.48	33.55	1443.76	968.5	-.03	34.90	1464.78
6.4	-1.43	26.47	1430.95	213.6	-1.40	33.66	1444.42	978.9	-.04	34.90	1464.92
7.2	-1.44	26.53	1431.03	218.6	-1.30	33.77	1445.15	988.1	-.05	34.91	1465.06
8.7	-1.47	26.88	1431.42	223.2	-1.19	33.90	1446.00	998.5	-.05	34.91	1465.19
10.2	-1.47	27.31	1432.00	228.6	-1.02	34.02	1446.94	1008.1	-.06	34.89	1465.33
12.4	-1.53	28.43	1433.30	233.2	-.94	34.10	1447.47	1018.5	-.07	34.89	1465.46
14.3	-1.54	28.47	1433.31	239.0	-.82	34.18	1448.27	1028.1	-.09	34.92	1465.60
16.6	-1.55	28.48	1433.31	243.6	-.73	34.26	1448.87	1038.6	-.10	34.92	1465.67
18.4	-1.55	28.50	1433.44	248.6	-.63	34.36	1449.60	1048.6	-.10	34.92	1465.87
20.0	-1.55	28.53	1433.51	254.0	-.53	34.40	1450.08	1058.6	-.11	34.91	1465.94
22.2	-1.55	28.53	1433.51	258.3	-.50	34.44	1450.34	1068.3	-.12	34.92	1466.08
24.5	-1.55	28.55	1433.64	263.7	-.45	34.46	1450.74	1078.8	-.13	34.91	1466.15
26.7	-1.56	28.55	1433.70	268.3	-.42	34.49	1451.01	1088.4	-.14	34.92	1466.35
28.6	-1.55	28.55	1433.64	273.7	-.39	34.53	1451.28	1098.1	-.15	34.92	1466.48
30.1	-1.55	28.55	1433.76	278.0	-.34	34.57	1451.68	1108.6	-.15	34.91	1466.56
32.4	-1.55	28.57	1433.89	283.0	-.29	34.58	1452.01	1118.3	-.17	34.92	1466.70
35.0	-1.48	29.40	1435.55	288.4	-.22	34.63	1452.47	1128.4	-.16	34.91	1466.83
36.5	-1.34	29.95	1436.96	293.1	-.15	34.63	1452.82	1138.2	-.17	34.92	1467.03
38.4	-1.29	30.12	1437.29	298.5	-.11	34.66	1453.22	1148.7	-.17	34.91	1467.17
40.7	-1.33	30.37	1437.49	308.2	-.04	34.69	1453.69	1159.3	-.18	34.92	1467.31
42.2	-1.34	30.49	1437.44	318.3	.04	34.72	1454.29	1169.0	-.19	34.92	1467.45
44.5	-1.28	30.75	1438.35	328.0	.10	34.68	1454.70	1178.4	-.20	34.94	1467.58
46.0	-1.29	30.82	1438.29	338.5	.18	34.75	1455.24	1188.1	-.21	34.92	1467.71
48.2	-1.34	30.91	1438.23	348.6	.22	34.77	1455.63	1198.7	-.20	34.86	1467.85
50.1	-1.38	30.96	1438.15	358.0	.28	34.77	1457.24	1208.1	-.22	34.90	1467.99
52.4	-1.40	30.97	1438.09	368.5	.32	34.79	1456.38	1218.7	-.23	34.93	1468.13
54.7	-1.43	30.98	1437.96	378.3	.36	34.80	1456.79	1228.5	-.23	34.92	1468.20
56.2	-1.45	30.99	1437.89	388.5	.36	34.82	1456.99	1238.3	-.23	34.92	1468.40
58.4	-1.47	31.05	1438.02	398.7	.40	34.80	1457.26	1248.1	-.24	34.91	1468.54
60.0	-1.47	31.11	1438.15	408.5	.39	34.84	1457.46	1258.4	-.25	34.92	1468.61
62.2	-1.44	31.25	1438.53	418.7	.42	34.84	1457.80	1268.7	-.25	34.92	1468.81
64.5	-1.43	31.36	1438.68	428.1	.43	34.85	1457.93	1278.1	-.26	34.93	1468.95
66.0	-1.42	31.43	1438.87	438.3	.44	34.87	1458.27	1288.4	-.26	34.84	1469.09
68.3	-1.42	31.56	1439.07	448.9	.45	34.86	1458.41	1298.7	-.27	34.92	1469.23
70.5	-1.43	31.63	1439.13	458.0	.47	34.84	1458.61	1308.5	-.27	34.93	1469.36
72.1	-1.44	31.68	1439.21	468.6	.46	34.86	1458.87	1318.8	-.28	34.93	1469.56
74.3	-1.44	31.75	1439.28	478.9	.47	34.85	1459.01	1328.7	-.29	34.92	1469.70
76.6	-1.46	31.83	1439.46	488.4	.47	34.88	1459.21	1338.6	-.29	34.91	1469.77
78.1	-1.45	31.87	1439.53	498.7	.48	34.88	1459.42	1349.0	-.29	34.92	1469.98
80.0	-1.45	31.91	1439.66	508.6	.48	34.85	1459.55	1358.5	-.30	34.93	1470.05
82.3	-1.44	31.97	1439.80	518.5	.48	34.82	1459.75	1368.0	-.30	34.92	1470.19
84.6	-1.43	32.03	1440.00	528.0	.49	34.87	1459.89	1378.8	-.31	34.91	1470.39
86.1	-1.43	32.06	1439.93	538.3	.49	34.88	1460.10	1388.7	-.31	34.92	1470.52
88.4	-1.44	32.11	1440.13	548.7	.49	34.87	1460.23	1398.7	-.31	34.89	1470.67
90.6	-1.42	32.19	1440.38	559.0	.48	34.88	1460.43	1408.7	-.33	34.93	1470.80
92.1	-1.40	32.20	1440.45	568.2	.48	34.87	1460.50	1418.7	-.32	34.92	1471.01
94.4	-1.40	32.27	1440.65	578.2	.46	34.89	1460.64	1428.7	-.33	34.93	1471.15
96.7	-1.40	32.32	1440.66	588.1	.46	34.87	1460.71	1438.2	-.34	34.94	1471.28
98.2	-1.40	32.34	1440.72	598.1	.45	34.90	1460.85	1448.7	-.35	34.94	1471.42
100.5	-1.39	32.36	1440.79	608.1	.43	34.90	1461.04	1458.3	-.34	34.90	1471.56
102.0	-1.40	32.38	1440.85	618.2	.43	34.88	1461.11	1468.3	-.34	34.92	1471.76
104.3	-1.40	32.42	1440.92	628.6	.42	34.88	1461.18	1478.3	-.35	34.89	1471.90
106.6	-1.41	32.47	1440.98	638.6	.40	34.89	1461.38	1488.4	-.35	34.92	1472.04
108.1	-1.43	32.49	1440.98	648.3	.39	34.86	1461.45	1498.0	-.36	34.94	1472.18
110.4	-1.43	32.50	1440.98	658.3	.38	34.88	1461.52				
112.3	-1.44	32.53	1440.98	668.0	.36	34.88	1461.65				
114.6	-1.45	32.55	1441.05	678.4	.34	34.89	1461.72				
116.1	-1.45	32.56	1441.05	688.1	.34	34.90	1461.85				
118.7	-1.46	32.59	1441.12	698.2	.33	34.90	1461.93				
120.3	-1.47	32.64	1441.18	708.7	.32	34.89	1462.12				
122.2	-1.47	32.66	1441.25	718.0	.29	34.91	1462.13				
124.5	-1.47	32.67	1441.25	728.6	.28	34.88	1462.27				
126.0	-1.48	32.68	1441.25	738.7	.26	34.90	1462.33				
128.3	-1.51	32.72	1441.25	748.0	.25	34.88	1462.46				
130.5	-1.51	32.74	1441.25	758.2	.25	34.89	1462.61				
132.1	-1.51	32.77	1441.38	768.4	.22	34.91	1462.67				
134.4	-1.49	32.80	1441.45	778.1	.21	34.90	1462.80				
136.6	-1.51	32.81	1441.45	788.3	.19	34.91	1462.88				
138.2	-1.51	32.83	1441.51	798.5	.18	34.90	1463.01				
140.5	-1.52	32.84	1441.58	808.3	.17	34.90	1463.14				
142.0	-1.51	32.88	1441.64	818.1	.16	34.88	1463.22				
144.3	-1.52	32.89	1441.65	828.4	.14	34.91	1463.29				
146.6	-1.53	32.90	1441.71	838.6	.12	34.91	1463.35				
148.1	-1.53	32.92	1441.77	848.4	.11	34.90	1463.49				
153.0	-1.54	32.97	1441.78	859.1	.09	34.91	1463.62				
158.0	-1.57	33.03	1441.84	868.2	.09	34.91	1463.69				
163.4	-1.58	33.08	1441.91	878.4	.08	34.92	1463.77				
168.3	-1.58	33.10	1442.04	888.3	.06	34.91	1463.97				
173.3	-1.63	33.14	1441.91	898.6	.06	34.88	1464.03				
178.7	-1.62	33.21	1442.11	908.5	.04	34.91	1464.10				

MIZPAC 84  
DATE: 84/10/17  
LAT: 72 33.1 N

CAST# 14 DOWN  
TIME: 04:04:54  
LON: 144 28.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.42	26.10	1430.19	175.2	-1.57	33.17	1442.24	900.1	.04	34.91	1464.03
1.5	-1.39	25.86	1430.24	180.5	-1.58	33.20	1442.36	910.9	.03	34.87	1464.17
2.2	-1.39	25.84	1430.19	185.1	-1.58	33.25	1442.50	920.4	.02	34.87	1464.24
3.0	-1.40	25.83	1430.25	190.5	-1.57	33.31	1442.64	930.3	.01	34.90	1464.31
4.1	-1.39	25.87	1430.25	195.1	-1.56	33.35	1442.77	940.6	-.01	34.92	1464.44
6.0	-1.38	25.97	1430.44	200.5	-1.55	33.42	1443.16	950.2	-.01	34.91	1464.51
6.8	-1.40	26.10	1430.51	205.5	-1.51	33.47	1443.36	960.5	-.02	34.87	1464.65
7.5	-1.42	26.12	1430.57	210.4	-1.47	33.59	1443.88	970.1	-.03	34.85	1464.78
8.3	-1.42	26.14	1430.64	215.1	-1.38	33.67	1444.49	980.5	-.04	34.90	1464.92
9.0	-1.42	26.13	1430.70	220.4	-1.28	33.80	1445.27	990.4	-.05	34.86	1464.99
10.1	-1.43	26.38	1430.94	225.1	-1.16	33.90	1446.08	1000.0	-.06	34.88	1465.19
12.4	-1.47	27.22	1431.98	230.4	-1.07	34.01	1446.79	1010.4	-.06	34.90	1465.26
14.3	-1.52	28.20	1433.04	235.1	-.95	34.08	1447.34	1020.0	-.07	34.91	1465.39
16.2	-1.54	28.30	1433.11	240.1	-.85	34.19	1448.07	1030.0	-.09	34.89	1465.53
18.8	-1.55	28.42	1433.37	245.5	-.74	34.26	1448.81	1040.5	-.10	34.89	1465.67
20.3	-1.56	28.46	1433.44	250.1	-.66	34.33	1449.34	1050.1	-.10	34.91	1465.80
22.6	-1.55	28.49	1433.44	255.1	-.58	34.36	1449.81	1060.2	-.11	34.86	1465.87
24.1	-1.56	28.54	1433.63	260.5	-.51	34.42	1450.28	1070.6	-.12	34.86	1466.08
26.3	-1.54	28.63	1433.75	265.5	-.44	34.45	1450.74	1080.3	-.14	34.92	1466.15
28.6	-1.52	29.20	1434.86	270.2	-.38	34.49	1451.14	1090.4	-.13	34.90	1466.28
30.1	-1.47	29.47	1435.70	275.6	-.33	34.56	1451.61	1100.5	-.15	34.92	1466.49
32.0	-1.36	29.65	1436.31	280.6	-.28	34.56	1451.89	1110.2	-.16	34.93	1466.56
34.2	-1.29	30.08	1437.15	285.3	-.24	34.60	1452.28	1120.7	-.16	34.92	1466.70
36.1	-1.30	30.23	1437.23	290.7	-.18	34.62	1452.68	1130.0	-.17	34.84	1466.83
38.0	-1.35	30.42	1437.36	295.3	-.14	34.65	1452.89	1140.5	-.18	34.84	1466.97
40.3	-1.36	30.47	1437.30	300.0	-.10	34.66	1453.22	1150.2	-.18	34.90	1467.04
42.5	-1.36	30.72	1437.75	310.8	-.00	34.69	1453.89	1160.4	-.21	34.92	1467.24
44.1	-1.34	30.84	1438.09	320.2	.07	34.72	1454.43	1170.6	-.20	34.92	1467.38
46.7	-1.33	30.89	1438.22	330.7	.14	34.76	1454.90	1180.3	-.20	34.80	1467.45
48.6	-1.35	30.94	1438.22	340.4	.20	34.70	1455.30	1190.5	-.21	34.92	1467.65
50.1	-1.37	30.96	1438.22	350.1	.25	34.79	1455.78	1200.3	-.21	34.91	1467.72
52.0	-1.40	30.96	1438.02	361.0	.29	34.79	1456.17	1210.0	-.22	34.88	1467.92
54.2	-1.44	30.98	1437.84	370.0	.33	34.80	1456.44	1220.7	-.23	34.89	1468.06
56.5	-1.47	31.00	1437.83	380.6	.36	34.83	1456.79	1230.5	-.24	34.92	1468.13
58.0	-1.48	31.02	1437.83	390.0	.38	34.82	1457.05	1240.7	-.25	34.91	1468.33
60.7	-1.49	31.06	1437.89	400.1	.40	34.83	1457.32	1250.1	-.26	34.78	1468.47
62.2	-1.49	31.10	1437.95	410.7	.40	34.84	1457.45	1260.8	-.25	34.91	1468.68
64.1	-1.48	31.19	1438.22	420.5	.42	34.83	1457.73	1270.6	-.25	34.92	1468.75
66.3	-1.45	31.34	1438.60	430.4	.43	34.83	1457.93	1280.0	-.26	34.91	1468.88
69.0	-1.42	31.47	1438.88	440.2	.43	34.86	1458.14	1290.7	-.27	34.90	1469.08
70.5	-1.43	31.61	1439.19	450.4	.44	34.86	1458.41	1300.2	-.28	34.92	1469.23
72.0	-1.42	31.66	1439.27	460.7	.46	34.86	1458.61	1310.1	-.29	34.95	1469.29
74.3	-1.44	31.68	1439.21	470.5	.46	34.86	1458.81	1320.8	-.29	34.91	1469.50
76.6	-1.42	31.78	1439.53	480.8	.47	34.88	1459.01	1331.1	-.30	34.94	1469.63
78.1	-1.40	31.85	1439.79	490.3	.48	34.87	1459.21	1340.2	-.30	34.93	1469.78
80.4	-1.40	31.89	1439.73	500.2	.48	34.88	1459.42	1350.5	-.30	34.92	1469.91
82.3	-1.39	31.97	1440.00	510.1	.48	34.88	1459.55	1360.0	-.31	34.92	1470.05
84.5	-1.40	32.02	1440.05	520.0	.50	34.87	1459.76	1370.8	-.31	34.93	1470.25
86.0	-1.41	32.07	1440.13	530.7	.49	34.88	1459.90	1380.3	-.32	34.93	1470.32
88.3	-1.40	32.11	1440.19	540.6	.48	34.89	1460.10	1390.3	-.32	34.90	1470.53
90.6	-1.43	32.15	1440.19	550.6	.48	34.89	1460.30	1400.2	-.32	34.91	1470.72
92.1	-1.42	32.18	1440.32	560.5	.47	34.89	1460.30	1410.6	-.33	34.92	1470.80
94.4	-1.40	32.23	1440.45	570.1	.47	34.90	1460.44	1420.2	-.34	34.88	1470.94
96.7	-1.41	32.29	1440.52	580.1	.46	34.89	1460.57	1430.6	-.33	34.93	1471.14
98.6	-1.42	32.34	1440.59	590.0	.45	34.89	1460.71	1440.2	-.34	34.89	1471.28
100.1	-1.43	32.35	1440.59	600.0	.44	34.89	1460.84	1450.2	-.35	34.94	1471.42
102.0	-1.42	32.39	1440.72	610.4	.42	34.90	1460.92	1460.7	-.36	34.94	1471.49
104.3	-1.46	32.43	1440.59	620.1	.41	34.89	1461.11	1470.3	-.36	34.94	1471.70
106.5	-1.46	32.48	1440.78	630.1	.40	34.89	1461.11	1480.7	-.36	34.94	1471.90
108.1	-1.47	32.48	1440.72	640.5	.39	34.88	1461.25	1491.2	-.36	34.94	1472.04
110.3	-1.48	32.52	1440.71	650.6	.38	34.91	1461.38	1500.0	-.36	34.94	1472.11
112.6	-1.50	32.55	1440.72	661.0	.37	34.87	1461.52				
114.5	-1.50	32.59	1440.84	670.3	.36	34.90	1461.65				
116.0	-1.47	32.59	1440.97	680.0	.34	34.88	1461.65				
118.3	-1.47	32.61	1441.05	690.0	.33	34.90	1461.79				
120.6	-1.48	32.62	1441.05	700.5	.31	34.90	1461.93				
122.1	-1.48	32.65	1441.11	710.6	.29	34.91	1461.99				
124.0	-1.49	32.68	1441.17	720.0	.29	34.89	1462.06				
126.3	-1.49	32.71	1441.19	730.5	.26	34.91	1462.20				
128.6	-1.49	32.73	1441.31	740.6	.25	34.91	1462.27				
130.1	-1.50	32.75	1441.25	750.4	.24	34.92	1462.40				
132.8	-1.50	32.76	1441.31	760.5	.22	34.91	1462.53				
134.3	-1.49	32.76	1441.38	770.7	.22	34.89	1462.61				
136.6	-1.51	32.81	1441.51	780.9	.20	34.92	1462.74				
138.1	-1.50	32.82	1441.57	790.2	.18	34.90	1462.81				
140.4	-1.50	32.83	1441.58	800.4	.18	34.85	1462.95				
142.3	-1.51	32.86	1441.58	810.2	.16	34.88	1463.01				
144.2	-1.50	32.87	1441.64	820.5	.15	34.86	1463.15				
146.9	-1.51	32.89	1441.71	831.1	.13	34.89	1463.22				
148.0	-1.51	32.91	1441.77	840.5	.12	34.90	1463.35				
150.3	-1.52	32.94	1441.78	850.8	.12	34.88	1463.49				
155.7	-1.54	32.99	1441.78	860.2	.10	34.89	1463.62				
160.6	-1.55	33.04	1441.92	870.5	.10	34.87	1463.69				
165.2	-1.57	33.07	1441.97	880.0	.07	34.90	1463.69				
170.6	-1.56	33.11	1442.04	890.7	.06	34.89	1463.83				



MIZPAC 84  
 DATE: 84/10/18  
 LAT: 72 33.3 N

CAST# 15 DOWN  
 TIME: 06:00:48  
 LON: 143 51.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.46	27.49	1431.55	183.6	-1.61	33.25	1442.30
1.5	-1.46	27.12	1431.56	188.2	-1.59	33.30	1442.50
2.3	-1.47	27.11	1431.61	193.6	-1.58	33.38	1442.77
3.0	-1.47	27.11	1431.56	198.2	-1.55	33.43	1443.09
4.5	-1.47	27.11	1431.62	203.6	-1.51	33.51	1443.43
5.3	-1.47	27.09	1431.68	208.6	-1.42	33.57	1444.02
6.0	-1.47	27.10	1431.68	213.2	-1.39	33.66	1444.42
7.5	-1.47	27.13	1431.68	218.6	-1.30	33.73	1444.95
8.3	-1.46	27.14	1431.74	223.2	-1.24	33.86	1445.61
10.2	-1.48	27.17	1431.81	228.6	-1.13	33.96	1446.28
12.4	-1.49	27.40	1432.17	233.2	-1.00	34.06	1447.13
14.7	-1.54	28.32	1433.17	238.6	-.90	34.14	1447.81
16.6	-1.55	28.49	1433.37	243.6	-.80	34.23	1448.53
18.4	-1.54	28.50	1433.44	248.6	-.70	34.33	1449.19
20.0	-1.53	28.49	1433.44	253.2	-.63	34.37	1449.65
22.2	-1.54	28.53	1433.51	258.6	-.54	34.41	1450.14
24.5	-1.55	28.61	1433.64	263.3	-.49	34.43	1450.48
26.0	-1.55	28.63	1433.64	268.7	-.45	34.49	1450.81
28.2	-1.54	28.98	1434.49	273.3	-.38	34.52	1451.33
30.1	-1.45	29.42	1435.55	278.0	-.34	34.55	1451.55
32.4	-1.32	29.86	1436.64	283.4	-.29	34.59	1452.01
34.7	-1.31	30.20	1437.17	288.4	-.25	34.59	1452.28
36.2	-1.32	30.42	1437.37	293.1	-.19	34.63	1452.62
38.4	-1.29	30.61	1437.88	298.9	-.13	34.65	1453.02
40.7	-1.29	30.72	1438.02	308.2	-.04	34.68	1453.56
42.2	-1.32	30.73	1437.90	318.3	.03	34.72	1454.23
44.5	-1.33	30.86	1438.15	328.4	.12	34.73	1454.83
46.0	-1.35	30.92	1438.03	338.1	.17	34.76	1455.23
48.2	-1.38	30.95	1438.02	348.6	.21	34.76	1455.57
50.5	-1.41	30.95	1437.90	358.4	.25	34.80	1455.97
52.0	-1.44	30.97	1437.71	368.9	.30	34.79	1456.31
54.7	-1.47	30.99	1437.76	378.3	.33	34.81	1456.65
56.2	-1.49	31.02	1437.70	388.1	.37	34.82	1456.92
58.4	-1.49	31.09	1437.88	398.7	.37	34.83	1457.26
60.0	-1.47	31.15	1438.09	408.5	.41	34.81	1457.53
62.2	-1.45	31.29	1438.41	418.3	.42	34.84	1457.73
64.5	-1.42	31.44	1438.74	428.5	.43	34.83	1457.93
66.0	-1.43	31.52	1438.93	438.3	.44	34.85	1458.14
68.3	-1.41	31.58	1439.14	448.1	.45	34.86	1458.40
70.2	-1.44	31.62	1439.07	458.0	.46	34.86	1458.60
72.4	-1.47	31.70	1439.07	468.2	.48	34.85	1458.74
74.0	-1.48	31.75	1439.07	478.5	.47	34.87	1459.00
76.2	-1.46	31.80	1439.27	488.8	.48	34.87	1459.15
78.5	-1.44	31.87	1439.53	498.3	.48	34.88	1459.35
80.0	-1.42	31.91	1439.67	508.6	.49	34.87	1459.55
82.3	-1.42	31.99	1439.86	518.5	.49	34.88	1459.75
84.2	-1.42	32.04	1439.93	528.4	.49	34.88	1459.89
86.5	-1.40	32.09	1440.13	538.7	.48	34.88	1460.02
88.0	-1.42	32.14	1440.13	548.7	.48	34.88	1460.16
90.3	-1.44	32.17	1440.06	558.6	.48	34.88	1460.37
92.5	-1.41	32.23	1440.33	568.6	.46	34.89	1460.43
94.0	-1.41	32.27	1440.51	579.0	.46	34.88	1460.57
96.3	-1.40	32.31	1440.58	588.1	.45	34.89	1460.71
98.6	-1.40	32.36	1440.72	598.5	.44	34.90	1460.84
100.5	-1.41	32.39	1440.72	608.5	.43	34.89	1460.98
102.4	-1.41	32.41	1440.85	618.2	.42	34.85	1461.04
104.7	-1.41	32.44	1440.92	628.2	.41	34.90	1461.18
106.2	-1.42	32.46	1440.91	638.6	.40	34.89	1461.25
108.1	-1.42	32.49	1440.85	648.3	.39	34.84	1461.38
110.4	-1.44	32.52	1440.92	659.1	.37	34.89	1461.52
112.7	-1.45	32.55	1440.92	668.0	.36	34.90	1461.65
114.2	-1.45	32.56	1440.98	678.0	.36	34.86	1461.78
116.5	-1.46	32.59	1440.98	688.5	.34	34.89	1461.86
118.0	-1.48	32.62	1440.99	698.6	.33	34.89	1461.93
120.6	-1.48	32.64	1441.05	708.3	.32	34.88	1462.06
122.2	-1.48	32.64	1441.05	718.4	.30	34.90	1462.14
124.5	-1.48	32.67	1441.12	728.2	.28	34.91	1462.20
126.4	-1.49	32.70	1441.18	738.7	.26	34.90	1462.40
128.6	-1.53	32.71	1441.05	748.4	.25	34.90	1462.46
130.2	-1.53	32.75	1441.11	758.2	.24	34.90	1462.54
132.5	-1.53	32.77	1441.12	768.0	.23	34.84	1462.67
134.0	-1.53	32.77	1441.18	778.1	.20	34.91	1462.74
136.3	-1.54	32.79	1441.18	788.7	.21	34.88	1462.88
138.9	-1.54	32.82	1441.31				
140.5	-1.56	32.85	1441.31				
142.0	-1.55	32.84	1441.31				
144.3	-1.54	32.87	1441.45				
146.6	-1.55	32.90	1441.58				
148.5	-1.55	32.91	1441.51				
153.0	-1.58	32.96	1441.50				
158.0	-1.60	33.01	1441.64				
163.4	-1.59	33.04	1441.71				
168.0	-1.58	33.09	1441.97				
173.7	-1.60	33.16	1442.04				
178.7	-1.59	33.20	1442.30				

MIZPAC 84  
 DATE: 84/10/20  
 LAT: 72 20.9 N

CAST# 16 DOWN  
 TIME: 04:15:32  
 LON: 143 32.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.37	25.00	1429.35	185.2	-1.38	33.65	1443.96	920.5	.05	34.93	1464.37
1.5	-1.36	25.04	1429.41	190.6	-1.29	33.78	1444.75	930.4	.04	34.91	1464.51
2.3	-1.37	25.04	1429.47	195.5	-1.19	33.89	1445.39	940.3	.03	34.91	1464.64
3.1	-1.36	25.03	1429.47	200.2	-1.08	33.97	1446.15	950.7	.02	34.91	1464.71
4.6	-1.36	25.01	1429.47	205.5	-1.00	34.06	1446.67	960.6	.01	34.92	1464.84
5.3	-1.37	25.02	1429.47	210.1	-.90	34.15	1447.40	970.6	-.01	34.91	1464.92
6.1	-1.37	25.03	1429.53	215.1	-.79	34.22	1448.06	980.6	-.02	34.92	1464.99
7.6	-1.36	25.02	1429.54	220.5	-.72	34.29	1448.54	991.0	-.03	34.92	1465.19
8.3	-1.36	25.01	1429.48	225.5	-.67	34.34	1449.00	1000.6	-.04	34.92	1465.33
9.4	-1.37	25.02	1429.53	230.1	-.61	34.35	1449.27	1010.6	-.05	34.91	1465.40
11.3	-1.36	25.04	1429.54	235.1	-.55	34.39	1449.74	1020.6	-.07	34.91	1465.53
14.0	-1.42	26.00	1430.90	240.1	-.51	34.42	1450.00	1030.2	-.07	34.93	1465.67
15.5	-1.46	27.43	1432.39	245.5	-.44	34.48	1450.54	1040.2	-.07	34.91	1465.80
17.0	-1.50	28.01	1433.04	250.2	-.38	34.52	1450.94	1050.7	-.08	34.87	1465.94
19.2	-1.53	28.18	1433.11	255.6	-.32	34.57	1451.41	1060.7	-.09	34.89	1466.07
21.5	-1.54	28.22	1433.24	260.6	-.28	34.59	1451.61	1071.2	-.11	34.92	1466.14
23.0	-1.53	28.28	1433.37	265.2	-.25	34.60	1451.88	1080.4	-.11	34.90	1466.22
25.3	-1.54	28.29	1433.38	270.6	-.20	34.62	1452.21	1090.5	-.12	34.91	1466.48
27.1	-1.55	28.35	1433.49	275.7	-.15	34.66	1452.55	1100.6	-.12	34.90	1466.49
29.4	-1.54	28.44	1433.69	280.3	-.11	34.65	1452.82	1110.7	-.14	34.90	1466.63
31.3	-1.47	28.75	1434.53	285.7	-.07	34.68	1453.15	1120.4	-.15	34.91	1466.76
33.2	-1.44	28.96	1434.88	290.0	-.04	34.68	1453.36	1130.1	-.15	34.91	1466.90
35.4	-1.37	29.32	1435.79	295.4	.02	34.72	1453.70	1140.7	-.18	34.93	1467.10
37.7	-1.32	29.54	1436.37	300.1	.05	34.73	1454.03	1150.0	-.18	34.94	1467.17
39.6	-1.31	29.66	1436.64	310.5	.13	34.74	1454.56	1160.1	-.18	34.92	1467.31
41.1	-1.28	29.94	1437.10	320.2	.19	34.76	1454.97	1170.3	-.18	34.92	1467.45
43.0	-1.29	30.07	1437.30	330.3	.24	34.78	1455.44	1180.9	-.19	34.92	1467.58
46.0	-1.31	30.23	1437.43	340.1	.29	34.78	1455.84	1190.6	-.20	34.93	1467.72
47.9	-1.34	30.32	1437.43	350.2	.34	34.81	1456.24	1200.4	-.21	34.91	1467.85
49.8	-1.36	30.41	1437.50	360.0	.35	34.83	1456.52	1210.2	-.21	34.91	1467.99
51.7	-1.38	30.48	1437.50	370.1	.38	34.81	1456.78	1220.0	-.21	34.89	1468.13
53.2	-1.41	30.61	1437.63	380.7	.41	34.82	1456.99	1230.2	-.23	34.92	1468.27
55.1	-1.44	30.77	1437.69	390.4	.42	34.83	1457.25	1240.4	-.23	34.91	1468.47
57.3	-1.46	30.90	1437.82	400.2	.43	34.84	1457.47	1250.7	-.23	34.92	1468.54
59.6	-1.46	31.07	1438.14	410.0	.43	34.84	1457.66	1260.5	-.24	34.93	1468.68
61.1	-1.47	31.22	1438.33	420.6	.44	34.84	1457.87	1270.3	-.25	34.90	1468.82
63.4	-1.45	31.35	1438.54	430.8	.46	34.85	1458.07	1280.6	-.25	34.90	1468.94
65.6	-1.45	31.50	1438.86	440.3	.46	34.86	1458.27	1290.0	-.26	34.91	1469.15
67.2	-1.46	31.56	1438.88	450.1	.46	34.86	1458.47	1300.8	-.27	34.91	1469.29
69.4	-1.46	31.62	1438.94	460.0	.47	34.86	1458.68	1310.6	-.27	34.94	1469.43
71.7	-1.47	31.66	1439.07	470.2	.48	34.86	1458.87	1321.0	-.27	34.91	1469.57
73.2	-1.48	31.71	1439.07	480.5	.47	34.88	1459.01	1330.4	-.28	34.92	1469.71
75.5	-1.48	31.78	1439.20	490.4	.48	34.88	1459.22	1340.8	-.29	34.93	1469.84
77.0	-1.47	31.80	1439.27	500.7	.48	34.88	1459.42	1350.7	-.28	34.92	1469.98
79.3	-1.48	31.86	1439.40	510.2	.49	34.88	1459.62	1360.2	-.29	34.93	1470.18
81.6	-1.49	31.91	1439.47	520.5	.49	34.89	1459.76	1370.1	-.30	34.91	1470.32
83.1	-1.48	31.94	1439.53	530.0	.49	34.89	1459.96	1380.5	-.30	34.94	1470.39
85.0	-1.48	31.96	1439.60	540.3	.50	34.88	1460.10	1390.0	-.30	34.92	1470.60
87.2	-1.49	32.02	1439.72	556.6	.50	34.88	1460.37	1400.0	-.31	34.94	1470.73
89.1	-1.48	32.05	1439.73	561.0	.49	34.89	1460.43	1410.4	-.31	34.92	1470.80
91.8	-1.50	32.10	1439.86	570.2	.48	34.89	1460.63	1420.8	-.32	34.93	1471.01
93.3	-1.50	32.13	1439.86	580.6	.47	34.90	1460.71	1430.8	-.32	34.92	1471.15
101.7	-1.52	32.27	1440.13	590.5	.46	34.89	1460.83	1440.4	-.34	34.94	1471.29
102.4	-1.52	32.28	1440.19	600.1	.45	34.89	1460.91	1450.4	-.34	34.93	1471.43
103.2	-1.52	32.30	1440.19	610.1	.45	34.89	1460.98	1460.4	-.33	34.92	1471.63
103.9	-1.51	32.30	1440.19	620.6	.43	34.89	1461.18	1470.0	-.34	34.95	1471.77
104.7	-1.52	32.32	1440.26	630.6	.42	34.90	1461.25	1480.5	-.34	34.94	1471.97
105.8	-1.52	32.32	1440.26	640.2	.40	34.91	1461.38	1490.1	-.35	34.93	1472.11
107.4	-1.52	32.35	1440.26	650.3	.40	34.91	1461.52	1500.2	-.36	34.91	1472.25
109.6	-1.53	32.38	1440.33	660.7	.39	34.91	1461.65				
111.2	-1.53	32.40	1440.39	670.0	.37	34.91	1461.72				
113.4	-1.54	32.43	1440.46	680.5	.36	34.91	1461.86				
115.0	-1.55	32.46	1440.46	690.1	.35	34.91	1461.98				
117.6	-1.55	32.49	1440.52	700.2	.34	34.90	1462.00				
119.1	-1.55	32.50	1440.58	710.8	.33	34.89	1462.20				
121.0	-1.56	32.52	1440.59	720.5	.31	34.91	1462.27				
123.3	-1.56	32.57	1440.65	730.2	.30	34.91	1462.33				
125.2	-1.57	32.60	1440.72	740.7	.28	34.91	1462.47				
127.5	-1.57	32.64	1440.78	750.5	.27	34.89	1462.54				
129.0	-1.57	32.68	1440.85	761.0	.24	34.91	1462.67				
131.3	-1.57	32.71	1440.92	770.4	.24	34.91	1462.74				
133.6	-1.59	32.77	1440.98	780.2	.22	34.91	1462.81				
135.1	-1.58	32.80	1441.10	790.0	.21	34.89	1462.95				
137.4	-1.59	32.86	1441.11	800.2	.19	34.92	1463.01				
139.3	-1.60	32.89	1441.24	810.4	.17	34.91	1463.08				
141.6	-1.60	32.93	1441.24	820.2	.16	34.92	1463.22				
143.5	-1.60	32.95	1441.25	830.0	.15	34.91	1463.35				
150.0	-1.62	33.09	1441.51	840.6	.14	34.91	1463.42				
150.8	-1.61	33.09	1441.58	850.5	.12	34.92	1463.56				
155.4	-1.62	33.15	1441.71	861.2	.11	34.91	1463.63				
160.3	-1.60	33.22	1441.97	870.6	.10	34.91	1463.77				
165.7	-1.58	33.31	1442.24	880.1	.09	34.91	1463.90				
170.3	-1.54	33.40	1442.63	890.4	.09	34.91	1463.97				
175.2	-1.51	33.46	1442.96	900.7	.06	34.93	1464.10				
180.6	-1.44	33.56	1443.55	910.2	.07	34.89	1464.31				



MIZPAC 84  
 DATE: 84/10/31  
 LAT: 72 19.9 N

CAST# 17 DOWN  
 TIME: 00:27:16  
 LON: 145 08.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.48	27.05	1431.49	191.3	-1.58	33.35	1442.77	936.0	.02	34.92	1464.64
1.1	-1.48	26.96	1431.43	196.7	-1.54	33.45	1443.23	946.3	.01	34.91	1464.71
2.6	-1.47	26.93	1431.49	201.3	-1.51	33.54	1443.62	956.7	0.00	34.92	1464.85
3.7	-1.47	26.93	1431.55	206.7	-1.42	33.61	1444.16	966.2	-.01	34.92	1464.92
4.5	-1.47	26.93	1431.61	211.7	-1.38	33.70	1444.62	976.2	-.01	34.91	1465.06
5.2	-1.47	26.93	1431.56	216.3	-1.25	33.80	1445.41	986.2	-.03	34.92	1465.26
6.0	-1.47	26.93	1431.55	221.3	-1.15	33.92	1446.28	996.6	-.03	34.91	1465.33
8.2	-1.48	26.93	1431.66	226.7	-1.06	34.02	1446.81	1006.6	-.04	34.92	1465.46
10.5	-1.48	26.94	1431.62	231.3	-.94	34.14	1447.61	1016.2	-.05	34.91	1465.53
12.0	-1.48	26.95	1431.68	236.7	-.81	34.21	1448.41	1026.2	-.06	34.91	1465.74
14.6	-1.47	26.96	1431.80	241.3	-.72	34.30	1449.00	1037.1	-.08	34.93	1465.81
16.5	-1.48	27.04	1431.87	246.7	-.62	34.37	1449.60	1046.7	-.09	34.92	1465.94
18.0	-1.48	27.12	1431.99	251.3	-.56	34.43	1450.13	1056.8	-.10	34.92	1466.08
20.3	-1.49	27.39	1432.32	256.0	-.51	34.46	1450.48	1066.4	-.10	34.91	1466.15
22.6	-1.51	28.01	1433.11	261.4	-.45	34.51	1450.88	1076.5	-.11	34.92	1466.29
24.4	-1.51	28.18	1433.43	266.0	-.41	34.54	1451.14	1086.6	-.11	34.92	1466.42
26.7	-1.53	28.33	1433.51	271.4	-.35	34.58	1451.61	1096.2	-.13	34.93	1466.56
28.2	-1.54	28.38	1433.57	276.1	-.29	34.59	1451.95	1106.3	-.15	34.94	1466.69
30.5	-1.48	28.90	1435.05	281.9	-.25	34.62	1452.28	1116.4	-.15	34.93	1466.82
32.4	-1.36	29.26	1435.86	286.5	-.23	34.63	1452.42	1127.0	-.15	34.93	1466.90
34.6	-1.32	29.66	1436.62	291.2	-.18	34.66	1452.75	1136.7	-.16	34.93	1467.10
36.5	-1.28	29.87	1436.92	296.2	-.11	34.66	1453.21	1146.0	-.17	34.92	1467.17
38.0	-1.29	30.18	1437.66	307.1	-.00	34.69	1453.89	1156.1	-.18	34.93	1467.31
40.3	-1.15	30.50	1438.66	316.4	.06	34.73	1454.36	1166.7	-.18	34.93	1467.45
42.5	-1.14	30.53	1438.50	326.1	.11	34.75	1454.83	1176.5	-.19	34.93	1467.58
44.4	-1.16	30.44	1437.64	336.2	.19	34.77	1455.37	1186.7	-.20	34.94	1467.79
46.7	-1.38	30.83	1438.02	346.7	.25	34.78	1455.78	1196.4	-.20	34.93	1467.86
48.2	-1.36	30.86	1438.03	356.9	.30	34.81	1456.25	1206.2	-.21	34.92	1468.00
50.1	-1.38	30.96	1438.28	366.2	.34	34.81	1456.58	1216.0	-.22	34.93	1468.19
52.4	-1.41	30.95	1437.89	376.4	.35	34.81	1456.78	1226.6	-.23	34.94	1468.33
54.6	-1.47	30.98	1437.83	386.6	.38	34.81	1457.06	1236.5	-.23	34.94	1468.40
56.1	-1.48	31.00	1437.88	396.0	.39	34.82	1457.32	1246.3	-.24	34.93	1468.54
58.4	-1.48	31.04	1437.96	406.2	.41	34.83	1457.60	1256.1	-.25	34.93	1468.68
61.1	-1.48	31.19	1438.22	416.0	.42	34.85	1457.80	1266.4	-.25	34.93	1468.88
62.6	-1.45	31.32	1438.61	426.2	.43	34.85	1458.00	1276.2	-.25	34.92	1469.02
64.1	-1.45	31.45	1438.81	436.4	.44	34.87	1458.21	1286.5	-.26	34.94	1469.16
66.4	-1.44	31.55	1438.94	446.2	.46	34.87	1458.47	1296.8	-.27	34.94	1469.36
68.6	-1.46	31.62	1439.07	456.5	.46	34.86	1458.68	1306.7	-.27	34.94	1469.43
70.1	-1.46	31.65	1439.02	466.3	.47	34.86	1458.87	1316.1	-.28	34.94	1469.57
72.4	-1.47	31.71	1439.14	477.0	.47	34.87	1459.08	1326.4	-.28	34.93	1469.77
74.7	-1.47	31.78	1439.27	486.5	.48	34.88	1459.22	1336.8	-.29	34.94	1469.91
76.2	-1.46	31.82	1439.40	496.4	.49	34.88	1459.42	1346.3	-.29	34.93	1470.05
78.5	-1.46	31.87	1439.54	506.3	.49	34.88	1459.62	1356.6	-.30	34.94	1470.19
80.0	-1.45	31.91	1439.67	516.6	.49	34.89	1459.82	1366.1	-.30	34.93	1470.32
82.3	-1.45	31.97	1439.80	526.1	.50	34.88	1459.96	1376.5	-.31	34.94	1470.46
84.2	-1.46	32.04	1439.93	536.4	.51	34.88	1460.16	1386.0	-.31	34.93	1470.59
86.1	-1.45	32.10	1440.00	546.0	.50	34.89	1460.30	1396.0	-.31	34.94	1470.74
88.3	-1.45	32.14	1440.01	556.3	.49	34.89	1460.43	1406.8	-.32	34.94	1470.94
90.6	-1.44	32.18	1440.32	566.3	.47	34.90	1460.50	1416.8	-.32	34.94	1471.08
92.5	-1.44	32.19	1440.26	577.1	.47	34.89	1460.64	1426.4	-.32	34.93	1471.22
94.0	-1.46	32.26	1440.32	586.2	.45	34.89	1460.77	1436.8	-.33	34.94	1471.35
96.3	-1.47	32.30	1440.33	596.2	.44	34.90	1460.91	1446.8	-.34	34.95	1471.49
98.6	-1.48	32.32	1440.33	606.2	.43	34.90	1460.98	1456.4	-.33	34.93	1471.63
100.1	-1.49	32.36	1440.45	616.7	.43	34.89	1461.18	1466.4	-.35	34.94	1471.77
102.4	-1.49	32.39	1440.39	626.3	.42	34.90	1461.25	1476.0	-.35	34.93	1471.91
104.7	-1.51	32.44	1440.46	636.7	.40	34.91	1461.45	1486.1	-.35	34.95	1472.11
106.2	-1.52	32.45	1440.52	646.0	.40	34.90	1461.52	1496.1	-.35	34.94	1472.24
108.5	-1.52	32.49	1440.52	656.0	.38	34.90	1461.59				
110.0	-1.52	32.52	1440.66	666.5	.37	34.90	1461.72				
112.3	-1.52	32.52	1440.72	676.6	.36	34.89	1461.79				
114.5	-1.51	32.54	1440.72	686.6	.35	34.90	1461.93				
116.1	-1.52	32.57	1440.72	697.1	.33	34.91	1461.99				
118.3	-1.56	32.59	1440.66	706.4	.32	34.90	1462.12				
120.6	-1.55	32.63	1440.85	716.6	.30	34.91	1462.27				
122.2	-1.55	32.63	1440.72	727.1	.29	34.90	1462.40				
124.4	-1.55	32.67	1440.98	736.0	.28	34.90	1462.47				
126.0	-1.55	32.68	1440.98	746.1	.26	34.91	1462.53				
128.2	-1.57	32.70	1440.93	756.7	.25	34.91	1462.67				
130.5	-1.57	32.72	1440.98	766.5	.23	34.92	1462.74				
132.4	-1.57	32.73	1441.06	776.7	.22	34.90	1462.81				
134.0	-1.57	32.75	1441.05	786.0	.21	34.91	1463.01				
136.3	-1.58	32.78	1441.12	796.2	.19	34.91	1463.07				
138.5	-1.58	32.80	1441.12	806.0	.19	34.90	1463.15				
140.1	-1.58	32.82	1441.18	816.7	.16	34.91	1463.28				
142.4	-1.59	32.85	1441.31	826.1	.15	34.91	1463.35				
144.6	-1.59	32.88	1441.37	836.3	.15	34.91	1463.48				
146.6	-1.59	32.89	1441.38	846.6	.13	34.92	1463.56				
151.1	-1.60	32.95	1441.51	856.0	.12	34.91	1463.69				
156.1	-1.61	32.98	1441.52	867.1	.10	34.91	1463.83				
161.1	-1.60	33.03	1441.71	876.1	.10	34.91	1463.90				
166.4	-1.61	33.08	1441.84	886.0	.08	34.91	1464.03				
171.0	-1.62	33.13	1441.97	896.3	.08	34.91	1464.17				
176.4	-1.62	33.19	1442.11	906.2	.06	34.91	1464.24				
181.0	-1.62	33.24	1442.30	916.5	.05	34.92	1464.43				
186.3	-1.60	33.28	1442.50	926.1	.04	34.91	1464.44				

MIZPAC 84  
 DATE: 84/11/01  
 LAT: 72 21.6 N

CAST# 18 DOWN  
 TIME: 03:40:16  
 LON: 145 01.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.48	27.24	1431.55	183.2	-1.61	33.24	1442.36	918.4	.06	34.89	1464.37
1.5	-1.48	27.12	1431.61	188.6	-1.60	33.30	1442.56	928.4	.04	34.91	1464.51
2.6	-1.48	27.14	1431.62	193.2	-1.58	33.34	1442.70	938.3	.03	34.91	1464.64
3.4	-1.48	27.16	1431.62	199.0	-1.53	33.45	1443.29	948.2	.02	34.92	1464.71
4.1	-1.48	27.14	1431.62	203.6	-1.49	33.49	1443.63	958.6	.02	34.91	1464.85
5.6	-1.48	27.13	1431.62	208.6	-1.42	33.58	1444.09	969.0	0.00	34.90	1464.99
6.4	-1.47	27.12	1431.68	213.2	-1.37	33.68	1444.48	978.1	-.01	34.91	1465.12
7.1	-1.48	27.14	1431.68	218.2	-1.25	33.80	1445.35	988.1	-.01	34.90	1465.26
8.3	-1.48	27.14	1431.81	223.6	-1.10	33.93	1446.35	998.5	-.03	34.91	1465.26
10.5	-1.49	27.15	1431.80	228.2	-.99	34.03	1447.07	1008.1	-.04	34.90	1465.46
12.0	-1.49	27.16	1431.82	233.6	-.85	34.17	1448.01	1018.5	-.05	34.91	1465.54
14.7	-1.48	27.20	1431.94	238.2	-.79	34.21	1448.41	1028.1	-.06	34.91	1465.67
16.2	-1.49	27.22	1431.94	243.6	-.70	34.28	1449.07	1038.2	-.07	34.90	1465.81
18.4	-1.48	27.44	1432.36	248.6	-.64	34.34	1449.54	1048.2	-.08	34.92	1466.01
20.7	-1.52	28.11	1433.11	253.2	-.58	34.40	1449.94	1058.7	-.09	34.91	1466.15
22.2	-1.53	28.22	1433.24	258.6	-.50	34.46	1450.46	1068.3	-.10	34.92	1466.15
24.1	-1.54	28.32	1433.44	263.6	-.47	34.47	1450.68	1078.4	-.11	34.91	1466.35
26.0	-1.54	28.37	1433.44	268.7	-.44	34.52	1451.01	1088.5	-.12	34.91	1466.42
28.2	-1.54	28.43	1433.51	273.7	-.34	34.57	1451.61	1098.1	-.12	34.91	1466.56
30.5	-1.55	28.48	1433.57	278.3	-.31	34.57	1451.74	1108.7	-.14	34.92	1466.76
32.0	-1.54	28.55	1433.82	283.0	-.27	34.60	1452.09	1119.2	-.15	34.92	1466.83
34.3	-1.46	29.12	1435.14	288.4	-.22	34.61	1452.42	1128.0	-.15	34.92	1466.90
36.5	-1.30	29.63	1436.88	293.1	-.19	34.63	1452.69	1138.6	-.16	34.92	1467.10
38.0	-1.26	29.80	1436.97	298.5	-.13	34.65	1453.02	1148.7	-.17	34.92	1467.17
40.7	-1.23	30.12	1437.56	308.2	-.05	34.68	1453.62	1158.0	-.17	34.91	1467.31
42.2	-1.20	30.35	1437.95	318.3	.03	34.70	1454.23	1168.6	-.18	34.91	1467.45
44.1	-1.13	30.48	1438.54	328.4	.11	34.72	1454.70	1178.0	-.19	34.91	1467.58
46.3	-1.33	30.54	1437.64	338.1	.16	34.74	1455.17	1188.6	-.19	34.92	1467.72
48.2	-1.35	30.72	1437.95	348.2	.22	34.75	1455.64	1198.8	-.21	34.93	1467.92
50.5	-1.34	30.84	1438.21	358.0	.26	34.78	1455.98	1208.1	-.21	34.93	1467.99
52.0	-1.39	30.88	1437.97	368.5	.32	34.78	1456.38	1218.3	-.22	34.92	1468.13
54.3	-1.42	30.96	1437.96	378.3	.36	34.80	1456.72	1229.0	-.22	34.93	1468.27
56.5	-1.47	30.97	1437.82	388.1	.37	34.80	1456.99	1238.4	-.23	34.92	1468.40
58.4	-1.49	31.01	1437.82	398.3	.39	34.82	1457.26	1248.6	-.23	34.91	1468.61
61.1	-1.45	31.13	1438.22	408.1	.41	34.82	1457.46	1258.0	-.24	34.92	1468.68
63.0	-1.46	31.25	1438.42	418.3	.42	34.84	1457.80	1268.3	-.25	34.92	1468.88
64.5	-1.45	31.36	1438.61	428.5	.43	34.83	1458.00	1279.0	-.25	34.92	1468.95
66.0	-1.45	31.43	1438.74	438.7	.44	34.83	1458.20	1288.0	-.25	34.92	1469.15
68.3	-1.44	31.55	1438.94	448.1	.45	34.84	1458.41	1298.3	-.26	34.93	1469.29
70.5	-1.46	31.64	1439.01	458.4	.47	34.84	1458.67	1308.1	-.27	34.92	1469.42
72.0	-1.46	31.67	1439.07	468.6	.47	34.85	1458.80	1318.0	-.27	34.91	1469.57
74.3	-1.46	31.71	1439.14	478.1	.48	34.85	1459.01	1328.3	-.28	34.92	1469.71
76.6	-1.47	31.74	1439.21	488.0	.48	34.86	1459.15	1338.7	-.29	34.92	1469.91
78.1	-1.48	31.78	1439.27	498.3	.48	34.86	1459.35	1348.6	-.29	34.92	1470.05
80.4	-1.49	31.87	1439.34	508.2	.48	34.87	1459.55	1358.1	-.30	34.93	1470.18
82.6	-1.48	31.95	1439.64	518.9	.49	34.87	1459.76	1368.4	-.30	34.93	1470.26
84.2	-1.46	31.97	1439.73	528.4	.49	34.87	1459.89	1378.0	-.31	34.94	1470.53
86.8	-1.45	32.06	1439.93	538.7	.49	34.87	1460.03	1388.8	-.30	34.92	1470.60
88.3	-1.44	32.10	1440.05	548.3	.48	34.87	1460.23	1398.3	-.31	34.92	1470.80
90.6	-1.44	32.15	1440.06	558.6	.48	34.88	1460.43	1409.1	-.32	34.92	1470.94
92.1	-1.45	32.18	1440.13	568.6	.48	34.88	1460.50	1418.3	-.32	34.92	1471.01
94.4	-1.45	32.21	1440.19	578.2	.47	34.88	1460.64	1428.7	-.33	34.93	1471.15
97.1	-1.47	32.29	1440.32	588.1	.46	34.88	1460.78	1438.3	-.32	34.92	1471.29
98.6	-1.48	32.32	1440.26	598.5	.45	34.89	1460.91	1448.3	-.33	34.92	1471.49
100.1	-1.48	32.39	1440.39	608.1	.44	34.88	1460.98	1458.3	-.34	34.93	1471.63
102.4	-1.50	32.42	1440.39	618.2	.43	34.89	1461.18	1468.3	-.34	34.94	1471.77
104.7	-1.51	32.42	1440.39	628.2	.43	34.88	1461.25	1478.8	-.35	34.93	1471.91
106.2	-1.47	32.48	1440.72	638.6	.42	34.88	1461.38	1488.4	-.36	34.94	1472.11
108.5	-1.47	32.48	1440.79	648.7	.40	34.89	1461.59	1498.5	-.35	34.93	1472.25
110.0	-1.49	32.49	1440.59	658.7	.39	34.88	1461.65				
112.3	-1.48	32.51	1440.72	668.0	.38	34.90	1461.72				
114.5	-1.50	32.54	1440.72	678.0	.37	34.89	1461.92				
116.1	-1.50	32.55	1440.72	688.5	.36	34.90	1461.99				
118.3	-1.51	32.57	1440.74	698.2	.34	34.90	1462.06				
120.6	-1.52	32.60	1440.85	709.1	.33	34.89	1462.13				
122.2	-1.53	32.64	1440.92	718.0	.32	34.88	1462.33				
124.4	-1.53	32.66	1440.91	728.2	.30	34.90	1462.33				
126.0	-1.54	32.69	1440.98	739.1	.29	34.89	1462.53				
128.2	-1.54	32.69	1440.98	748.0	.27	34.89	1462.61				
130.5	-1.55	32.73	1441.04	758.6	.26	34.90	1462.67				
132.1	-1.56	32.76	1441.05	768.4	.24	34.90	1462.74				
134.3	-1.56	32.77	1441.12	779.0	.23	34.89	1462.88				
136.6	-1.56	32.78	1441.18	788.3	.22	34.90	1462.95				
138.2	-1.57	32.79	1441.12	798.1	.20	34.90	1463.08				
140.4	-1.59	32.83	1441.18	809.2	.19	34.90	1463.15				
142.0	-1.58	32.82	1441.18	818.6	.18	34.91	1463.29				
144.3	-1.59	32.84	1441.18	828.4	.17	34.89	1463.36				
146.2	-1.60	32.87	1441.25	838.6	.16	34.90	1463.49				
148.5	-1.60	32.88	1441.25	848.5	.13	34.91	1463.56				
153.4	-1.61	32.91	1441.38	859.1	.12	34.91	1463.69				
158.0	-1.61	32.96	1441.45	868.2	.12	34.90	1463.83				
163.3	-1.62	33.01	1441.64	878.0	.10	34.91	1463.97				
169.1	-1.62	33.06	1441.84	888.7	.09	34.91	1464.04				
173.3	-1.60	33.11	1441.97	898.6	.08	34.91	1464.17				
178.7	-1.62	33.18	1442.17	908.1	.07	34.90	1464.24				

MIZPAC 84  
 DATE: 84/11/01  
 LAT: 72 22.2 N

CAST# 19 DOWN  
 TIME: 21:20:41  
 LON: 145 02.95 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.49	27.60	1431.75	187.5	-1.60	33.28	1442.44	927.7	.04	34.88	1464.58
1.5	-1.49	27.22	1431.75	192.1	-1.59	33.34	1442.70	937.6	.03	34.90	1464.58
2.3	-1.49	27.21	1431.75	197.1	-1.56	33.40	1443.03	947.6	.02	34.88	1464.71
3.0	-1.49	27.20	1431.80	202.1	-1.49	33.50	1443.62	957.5	.01	34.91	1464.91
4.5	-1.50	27.22	1431.87	207.1	-1.45	33.59	1444.02	967.5	-.00	34.92	1464.99
5.3	-1.49	27.20	1431.88	212.5	-1.32	33.73	1444.89	977.0	-.01	34.91	1465.12
6.0	-1.48	27.19	1431.88	217.5	-1.23	33.83	1445.55	987.4	-.02	34.90	1465.20
7.5	-1.49	27.21	1431.81	222.1	-1.10	33.94	1446.34	997.4	-.03	34.90	1465.33
9.0	-1.49	27.21	1431.93	227.5	-1.01	34.03	1447.01	1007.4	-.04	34.90	1465.46
11.3	-1.50	27.28	1432.06	232.1	-.91	34.14	1447.80	1017.0	-.04	34.91	1465.60
13.6	-1.51	27.33	1432.14	237.1	-.78	34.22	1448.47	1027.0	-.06	34.92	1465.73
15.1	-1.50	27.37	1432.20	242.5	-.68	34.30	1449.07	1037.5	-.07	34.92	1465.81
17.3	-1.50	27.51	1432.44	247.1	-.61	34.37	1449.67	1047.5	-.08	34.92	1465.94
19.6	-1.51	27.92	1432.97	252.5	-.54	34.43	1450.14	1057.1	-.09	34.92	1466.02
21.1	-1.52	28.20	1433.30	257.1	-.47	34.48	1450.65	1067.6	-.10	34.91	1466.15
23.4	-1.54	28.31	1433.38	262.5	-.43	34.50	1450.94	1077.3	-.11	34.92	1466.28
25.6	-1.54	28.38	1433.50	267.2	-.36	34.53	1451.34	1087.8	-.11	34.91	1466.42
27.1	-1.54	28.40	1433.57	272.6	-.31	34.56	1451.68	1097.5	-.12	34.91	1466.56
29.4	-1.55	28.49	1433.76	277.6	-.28	34.59	1451.95	1107.6	-.13	34.91	1466.69
31.6	-1.49	28.91	1434.99	282.7	-.24	34.58	1452.15	1117.7	-.15	34.91	1466.83
33.2	-1.29	29.28	1436.25	287.7	-.21	34.61	1452.42	1127.8	-.15	34.91	1466.97
35.0	-1.33	29.46	1436.26	292.3	-.17	34.63	1452.75	1137.5	-.15	34.91	1467.10
37.3	-1.32	29.79	1436.70	297.0	-.13	34.65	1453.08	1148.1	-.17	34.92	1467.24
39.6	-1.24	30.14	1437.50	307.1	-.05	34.70	1453.69	1157.4	-.16	34.88	1467.31
41.1	-1.29	30.26	1437.37	317.2	.05	34.72	1454.29	1167.5	-.18	34.92	1467.45
43.3	-1.30	30.55	1438.16	328.1	.13	34.73	1454.83	1177.3	-.19	34.91	1467.58
45.6	-1.36	30.64	1437.64	337.4	.19	34.75	1455.31	1187.5	-.20	34.93	1467.72
47.1	-1.38	30.82	1438.05	347.1	.24	34.78	1455.77	1197.7	-.21	34.93	1467.92
49.4	-1.36	30.91	1438.15	357.3	.29	34.77	1456.11	1207.0	-.21	34.91	1467.99
51.6	-1.41	30.96	1437.97	367.0	.31	34.81	1456.45	1217.6	-.22	34.93	1468.19
53.5	-1.46	30.98	1437.84	377.6	.35	34.80	1456.78	1227.0	-.23	34.93	1468.27
55.1	-1.48	30.99	1437.83	387.0	.38	34.79	1456.99	1237.7	-.23	34.92	1468.41
57.3	-1.46	31.06	1438.08	397.2	.40	34.76	1457.26	1247.5	-.24	34.91	1468.54
59.6	-1.46	31.17	1438.15	407.0	.40	34.83	1457.46	1257.3	-.24	34.89	1468.74
61.1	-1.46	31.29	1438.54	417.2	.42	34.81	1457.73	1267.6	-.24	34.91	1468.81
63.7	-1.44	31.43	1438.73	427.4	.43	34.85	1457.93	1277.0	-.25	34.90	1468.95
65.3	-1.44	31.52	1438.88	437.2	.44	34.80	1458.20	1287.7	-.25	34.86	1469.09
67.5	-1.45	31.59	1438.94	447.4	.45	34.79	1458.41	1297.6	-.26	34.92	1469.23
69.0	-1.45	31.65	1439.00	457.7	.46	34.78	1458.61	1307.0	-.27	34.93	1469.42
71.7	-1.47	31.67	1438.95	467.1	.46	34.86	1458.81	1317.3	-.27	34.93	1469.50
73.2	-1.49	31.76	1439.20	477.4	.47	34.86	1459.01	1327.7	-.27	34.92	1469.64
75.5	-1.47	31.82	1439.34	487.3	.48	34.85	1459.15	1338.4	-.29	34.89	1469.91
77.4	-1.46	31.86	1439.47	498.0	.48	34.87	1459.42	1347.5	-.29	34.93	1470.05
79.3	-1.48	31.90	1439.41	507.5	.49	34.86	1459.55	1357.0	-.29	34.89	1470.12
81.5	-1.46	31.94	1439.66	517.0	.48	34.87	1459.76	1367.8	-.30	34.94	1470.25
83.1	-1.45	32.01	1439.80	527.3	.49	34.87	1459.90	1377.7	-.30	34.82	1470.46
85.3	-1.45	32.07	1439.86	537.2	.49	34.88	1460.09	1388.1	-.30	34.90	1470.60
87.6	-1.46	32.14	1440.06	547.2	.49	34.87	1460.17	1397.6	-.31	34.93	1470.74
89.1	-1.44	32.17	1440.19	557.1	.48	34.88	1460.37	1407.6	-.32	34.92	1470.87
91.4	-1.46	32.21	1440.12	567.1	.48	34.86	1460.57	1417.2	-.32	34.92	1471.01
93.7	-1.48	32.25	1440.19	577.1	.48	34.88	1460.64	1427.6	-.32	34.93	1471.21
95.2	-1.46	32.28	1440.32	587.0	.46	34.88	1460.77	1438.0	-.33	34.92	1471.35
97.5	-1.46	32.34	1440.45	597.0	.46	34.89	1460.91	1447.2	-.33	34.88	1471.42
99.0	-1.44	32.34	1440.58	607.0	.45	34.88	1461.04	1457.6	-.33	34.93	1471.63
101.3	-1.43	32.39	1440.66	617.1	.43	34.89	1461.18	1467.7	-.35	34.94	1471.77
103.6	-1.45	32.42	1440.66	627.9	.42	34.89	1461.32	1478.1	-.35	34.93	1471.90
105.1	-1.44	32.42	1440.59	637.1	.41	34.89	1461.38	1488.2	-.35	34.90	1472.11
107.4	-1.49	32.50	1440.78	647.2	.40	34.89	1461.52	1497.8	-.35	34.92	1472.18
109.6	-1.48	32.50	1440.78	657.6	.38	34.89	1461.65				
111.2	-1.49	32.53	1440.85	667.3	.38	34.88	1461.72				
113.1	-1.51	32.55	1440.72	677.8	.36	34.89	1461.86				
115.3	-1.50	32.57	1440.79	687.4	.35	34.89	1461.93				
117.6	-1.51	32.60	1440.85	697.5	.33	34.89	1461.99				
119.1	-1.53	32.62	1440.84	708.0	.33	34.89	1462.12				
121.4	-1.56	32.64	1440.73	717.4	.31	34.89	1462.27				
123.0	-1.56	32.67	1440.79	727.1	.29	34.90	1462.33				
125.2	-1.56	32.69	1440.91	737.6	.28	34.91	1462.47				
127.5	-1.56	32.68	1440.91	747.8	.27	34.89	1462.54				
129.4	-1.57	32.71	1440.91	757.5	.26	34.90	1462.67				
131.0	-1.58	32.73	1440.92	767.7	.24	34.90	1462.81				
133.6	-1.58	32.76	1441.04	777.5	.24	34.88	1462.88				
135.1	-1.58	32.78	1441.11	787.2	.22	34.89	1462.95				
137.4	-1.59	32.80	1441.11	797.4	.21	34.84	1463.08				
139.0	-1.59	32.81	1441.12	807.2	.18	34.88	1463.15				
141.2	-1.60	32.84	1441.12	817.0	.18	34.90	1463.29				
143.9	-1.61	32.88	1441.25	827.7	.16	34.89	1463.35				
145.4	-1.60	32.89	1441.31	837.5	.15	34.88	1463.49				
147.0	-1.61	32.91	1441.32	847.4	.14	34.90	1463.56				
152.3	-1.61	32.94	1441.44	857.2	.12	34.91	1463.69				
157.7	-1.62	33.00	1441.51	867.5	.12	34.91	1463.83				
162.2	-1.62	33.03	1441.70	877.8	.11	34.90	1463.97				
167.6	-1.62	33.09	1441.78	887.6	.09	34.91	1464.10				
172.2	-1.62	33.12	1441.97	897.9	.09	34.89	1464.17				
177.2	-1.62	33.18	1442.11	907.4	.07	34.90	1464.31				
182.1	-1.60	33.23	1442.37	918.2	.06	34.89	1464.44				



MIZPAC 84  
 DATE: 84/11/02  
 LAT: 72 20.5 N

CAST# 20 UP  
 TIME: 18:27:27  
 LON: 145 13.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1503.9	-36	34.96	1474.04	613.6	.44	34.93	1460.98	81.9	-1.45	32.02	1439.66
1493.8	-35	34.96	1474.73	602.8	.45	34.93	1460.90	79.2	-1.46	31.94	1439.46
1482.9	-35	34.96	1474.59	592.0	.45	34.93	1460.71	77.0	-1.47	31.89	1439.34
1472.4	-35	34.97	1474.45	581.3	.45	34.95	1460.57	74.7	-1.47	31.82	1439.21
1461.5	-34	34.96	1474.25	570.9	.48	34.93	1460.50	72.4	-1.49	31.77	1438.94
1451.0	-33	34.95	1473.21	560.5	.48	34.93	1460.36	70.2	-1.46	31.75	1439.21
1440.6	-34	34.98	1473.01	549.8	.49	34.92	1460.16	67.9	-1.45	31.61	1438.94
1430.2	-33	34.97	1472.87	539.4	.48	34.93	1460.03	65.6	-1.44	31.44	1438.67
1419.7	-33	34.96	1472.73	529.1	.49	34.93	1459.83	63.3	-1.45	31.33	1438.41
1408.9	-33	34.98	1472.52	518.0	.48	34.91	1459.69	60.7	-1.48	31.09	1437.89
1398.5	-31	34.96	1472.45	507.7	.49	34.92	1459.49	58.4	-1.50	31.07	1437.82
1387.6	-31	34.97	1472.25	497.4	.49	34.91	1459.35	56.2	-1.49	31.05	1437.89
1377.3	-30	34.97	1472.11	486.7	.48	34.91	1459.08	53.5	-1.43	31.02	1438.02
1366.9	-31	34.98	1471.97	476.5	.48	34.91	1458.88	50.9	-1.40	30.95	1438.02
1356.1	-30	34.96	1471.77	465.8	.47	34.91	1458.68	48.6	-1.37	30.84	1438.02
1345.7	-29	34.97	1471.63	455.2	.47	34.89	1458.47	46.3	-1.35	30.68	1437.75
1335.4	-28	34.96	1471.49	442.6	.47	34.90	1458.27	43.7	-1.35	30.51	1437.50
1324.6	-28	34.97	1471.29	432.3	.46	34.88	1458.06	41.4	-1.32	30.43	1437.56
1314.3	-27	34.97	1469.36	422.1	.45	34.89	1457.86	39.2	-1.31	30.27	1437.36
1304.0	-27	34.98	1469.23	411.5	.43	34.90	1457.60	36.9	-1.31	30.05	1437.03
1293.3	-26	34.96	1469.09	401.3	.42	34.87	1457.39	34.6	-1.32	29.69	1436.47
1282.6	-25	34.97	1468.95	391.1	.39	34.87	1457.06	32.4	-1.41	28.83	1434.46
1272.3	-25	34.96	1468.81	381.0	.39	34.85	1456.79	30.1	-1.53	28.51	1433.70
1262.0	-24	34.96	1468.61	370.4	.34	34.84	1456.45	27.5	-1.55	28.38	1433.50
1251.8	-23	34.96	1468.47	359.5	.30	34.83	1456.17	25.2	-1.53	28.24	1433.29
1241.5	-24	34.97	1468.40	349.4	.24	34.81	1455.64	23.0	-1.52	27.88	1432.85
1231.3	-23	34.97	1468.27	338.8	.18	34.79	1455.23	20.7	-1.51	27.67	1432.53
1221.1	-22	34.96	1468.06	328.3	.13	34.77	1454.70	18.4	-1.50	27.61	1432.52
1210.4	-21	34.96	1467.92	318.2	.05	34.75	1454.16	16.2	-1.51	27.55	1432.39
1199.8	-21	34.98	1467.78	308.1	-.04	34.73	1453.62	13.6	-1.50	27.42	1432.20
1189.6	-21	34.97	1467.65	299.2	-.09	34.70	1453.22	11.3	-1.49	27.12	1431.81
1179.0	-19	34.97	1467.51	293.8	-.14	34.68	1452.82	9.4	-1.48	27.11	1431.75
1168.4	-19	34.96	1467.38	288.4	-.20	34.66	1452.48	7.9	-1.49	27.12	1431.74
1158.3	-17	34.94	1467.24	282.6	-.24	34.65	1452.15	6.4	-1.48	27.11	1431.69
1148.1	-17	34.96	1467.10	277.5	-.26	34.62	1451.94	4.9	-1.48	27.11	1431.69
1137.5	-16	34.96	1466.97	272.1	-.34	34.59	1451.41	3.4	-1.48	27.12	1431.74
1127.4	-15	34.96	1466.83	266.3	-.36	34.55	1451.15	1.5	-1.48	27.12	1431.67
1116.9	-15	34.96	1466.69	260.9	-.43	34.51	1450.73				
1106.3	-13	34.95	1466.55	255.1	-.50	34.46	1450.21				
1095.8	-13	34.96	1466.41	249.7	-.59	34.39	1449.60				
1085.3	-12	34.96	1466.28	244.3	-.67	34.30	1449.00				
1074.8	-11	34.97	1466.15	238.5	-.76	34.23	1448.33				
1063.9	-10	34.96	1466.01	233.2	-.88	34.11	1447.61				
1053.0	-09	34.95	1465.87	227.8	-1.01	33.97	1446.68				
1042.6	-08	34.96	1465.74	222.4	-1.16	33.87	1445.74				
1032.5	-08	34.96	1465.61	216.6	-1.26	33.79	1445.15				
1021.7	-06	34.96	1465.46	211.2	-1.38	33.69	1444.40				
1011.2	-06	34.96	1465.32	205.9	-1.46	33.59	1443.82				
1000.8	-04	34.95	1465.26	200.5	-1.53	33.48	1443.16				
990.4	-03	34.95	1465.12	195.1	-1.55	33.42	1442.96				
979.6	-02	34.96	1464.99	189.7	-1.57	33.36	1442.64				
969.2	-01	34.95	1464.92	184.4	-1.61	33.29	1442.24				
958.8	.01	34.95	1464.78	178.6	-1.61	33.22	1442.11				
948.1	.03	34.94	1464.58	173.3	-1.62	33.18	1441.97				
937.7	.02	34.97	1464.51	167.5	-1.59	33.10	1441.90				
927.4	.04	34.96	1464.37	161.8	-1.60	33.06	1441.64				
917.0	.05	34.95	1464.24	156.1	-1.61	33.01	1441.51				
906.3	.06	34.96	1464.10	150.7	-1.60	32.95	1441.31				
895.6	.08	34.95	1463.97	148.4	-1.60	32.93	1441.25				
884.9	.09	34.95	1463.90	146.2	-1.60	32.92	1441.18				
873.8	.10	34.95	1463.76	143.5	-1.58	32.89	1441.25				
863.5	.11	34.95	1463.63	140.8	-1.59	32.86	1441.12				
852.8	.12	34.96	1463.55	138.5	-1.57	32.83	1441.12				
842.2	.14	34.95	1463.42	135.9	-1.57	32.82	1441.12				
831.5	.15	34.96	1463.35	133.2	-1.57	32.76	1440.92				
821.3	.17	34.95	1463.22	130.9	-1.57	32.74	1440.91				
810.2	.18	34.95	1463.08	128.6	-1.58	32.72	1440.79				
800.0	.19	34.95	1463.01	126.3	-1.55	32.69	1440.79				
789.8	.21	34.95	1462.88	123.7	-1.54	32.67	1440.79				
779.6	.23	34.95	1462.81	121.4	-1.54	32.68	1440.85				
769.5	.24	34.94	1462.67	118.7	-1.53	32.64	1440.78				
759.3	.25	34.95	1462.60	116.1	-1.53	32.62	1440.72				
749.1	.27	34.94	1462.47	113.8	-1.51	32.58	1440.72				
739.0	.28	34.95	1462.34	111.1	-1.51	32.53	1440.58				
728.5	.30	34.95	1462.27	108.8	-1.50	32.53	1440.57				
717.9	.31	34.95	1462.13	106.6	-1.51	32.47	1440.39				
707.8	.33	34.94	1462.06	104.3	-1.51	32.46	1440.39				
696.9	.34	34.95	1461.93	102.0	-1.49	32.44	1440.46				
686.4	.35	34.95	1461.85	99.3	-1.49	32.35	1440.26				
676.3	.37	34.93	1461.72	96.7	-1.47	32.30	1440.19				
666.2	.37	34.94	1461.59	94.0	-1.47	32.28	1440.17				
655.4	.39	34.93	1461.45	91.8	-1.48	32.23	1440.06				
645.3	.40	34.95	1461.32	89.1	-1.47	32.18	1439.93				
634.5	.41	34.95	1461.25	86.8	-1.44	32.13	1439.99				
623.7	.43	34.94	1461.11	84.2	-1.44	32.06	1439.86				

MIZPAC 84  
 DATE: 84/11/04  
 LAT: 72 13.0 N

CAST# 21 UP  
 TIME: 20:01:54  
 LON: 145 19.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
999.2	-.04	34.96	1465.19	197.0	-1.55	33.42	1442.83
988.8	-.04	34.96	1465.06	191.6	-1.60	33.36	1442.63
978.4	-.02	34.95	1464.98	186.3	-1.61	33.30	1442.30
967.6	-.01	34.94	1464.78	180.9	-1.63	33.24	1442.04
957.2	-.00	34.96	1464.65	175.5	-1.64	33.18	1441.90
946.4	.01	34.95	1464.52	170.2	-1.63	33.13	1441.77
936.1	.03	34.95	1464.44	164.8	-1.62	33.09	1441.64
925.3	.03	34.95	1464.31	159.5	-1.62	33.04	1441.45
914.6	.05	34.96	1464.24	153.7	-1.61	32.99	1441.37
903.9	.07	34.95	1464.10	149.2	-1.61	32.95	1441.25
893.1	.07	34.96	1463.90	146.9	-1.61	32.93	1441.25
882.4	.09	34.94	1463.83	144.6	-1.60	32.90	1441.12
872.1	.10	34.94	1463.69	142.3	-1.59	32.88	1441.18
861.1	.11	34.96	1463.63	140.0	-1.57	32.85	1441.12
850.4	.12	34.96	1463.42	137.7	-1.58	32.84	1441.05
840.1	.14	34.95	1463.35	135.1	-1.55	32.80	1441.12
829.9	.15	34.94	1463.22	132.8	-1.56	32.78	1441.11
819.7	.15	34.95	1463.15	130.1	-1.55	32.74	1440.92
809.0	.17	34.96	1463.01	127.4	-1.56	32.74	1440.85
798.4	.19	34.95	1462.95	125.2	-1.53	32.71	1440.85
787.8	.20	34.95	1462.80	122.9	-1.54	32.69	1440.85
777.2	.23	34.94	1462.67	120.6	-1.53	32.69	1440.79
766.6	.23	34.94	1462.61	118.3	-1.51	32.64	1440.79
755.6	.25	34.95	1462.47	116.0	-1.50	32.62	1440.72
745.1	.25	34.96	1462.40	113.7	-1.51	32.60	1440.66
734.9	.27	34.94	1462.26	111.5	-1.50	32.56	1440.65
724.4	.29	34.95	1462.13	109.2	-1.50	32.52	1440.59
713.9	.30	34.94	1462.06	106.9	-1.48	32.47	1440.46
703.8	.31	34.96	1461.92	104.6	-1.47	32.43	1440.52
693.3	.32	34.95	1461.79	102.3	-1.47	32.43	1440.46
682.4	.34	34.94	1461.72	100.1	-1.46	32.38	1440.46
672.3	.35	34.94	1461.59	97.8	-1.46	32.35	1440.32
662.2	.36	34.94	1461.51	95.5	-1.47	32.30	1440.20
651.4	.38	34.94	1461.32	92.8	-1.45	32.23	1440.12
641.3	.39	34.94	1461.24	89.8	-1.45	32.18	1439.99
630.5	.40	34.95	1461.11	87.2	-1.46	32.12	1439.80
619.7	.42	34.93	1461.04	84.9	-1.46	32.04	1439.73
608.8	.43	34.93	1460.90	82.6	-1.47	31.99	1439.53
598.0	.44	34.93	1460.77	80.3	-1.46	31.93	1439.40
586.8	.45	34.93	1460.63	78.1	-1.46	31.89	1439.34
575.7	.46	34.93	1460.50	75.8	-1.47	31.84	1439.27
564.9	.47	34.93	1460.36	73.5	-1.47	31.79	1439.14
554.6	.47	34.94	1460.23	71.2	-1.46	31.70	1439.01
544.2	.48	34.92	1460.03	69.0	-1.45	31.67	1439.01
533.5	.49	34.93	1459.89	66.3	-1.44	31.55	1438.86
522.8	.48	34.93	1459.69	64.1	-1.44	31.48	1438.61
512.0	.49	34.92	1459.55	61.4	-1.45	31.38	1438.41
501.0	.49	34.91	1459.35	59.1	-1.45	31.25	1438.15
490.7	.48	34.91	1459.15	56.9	-1.46	31.12	1437.83
479.6	.48	34.91	1458.94	54.2	-1.45	31.01	1437.82
469.3	.48	34.91	1458.75	52.0	-1.43	30.95	1438.02
458.7	.47	34.91	1458.54	49.7	-1.38	30.82	1437.83
448.1	.47	34.89	1458.34	47.4	-1.38	30.67	1437.56
437.8	.46	34.89	1458.14	45.2	-1.38	30.55	1437.43
427.2	.45	34.88	1457.87	42.9	-1.33	30.39	1437.43
417.0	.43	34.88	1457.73	40.6	-1.28	30.20	1437.31
406.4	.42	34.88	1457.46	38.0	-1.20	29.87	1437.26
396.2	.41	34.88	1457.25	35.4	-1.41	29.27	1435.34
386.0	.39	34.87	1456.99	33.1	-1.49	28.74	1434.21
375.9	.37	34.86	1456.72	30.8	-1.53	28.57	1433.70
364.9	.35	34.84	1456.38	28.6	-1.56	28.53	1433.57
354.8	.31	34.84	1456.04	26.3	-1.55	28.47	1433.51
344.7	.26	34.83	1455.64	24.0	-1.54	28.41	1433.38
334.5	.19	34.80	1455.16	21.8	-1.54	28.36	1433.37
324.0	.14	34.78	1454.70	19.5	-1.54	28.31	1433.24
313.2	.07	34.75	1454.09	17.3	-1.54	28.13	1433.05
302.3	-.04	34.73	1453.49	15.0	-1.50	27.61	1432.36
296.1	-.12	34.71	1452.95	12.8	-1.47	26.90	1431.49
290.3	-.17	34.68	1452.55	10.5	-1.47	26.77	1431.41
284.9	-.22	34.65	1452.28	8.6	-1.46	26.68	1431.22
279.8	-.27	34.63	1451.88	7.5	-1.46	26.66	1431.29
274.0	-.32	34.62	1451.61	6.0	-1.46	26.39	1431.22
268.2	-.36	34.59	1451.21	4.5	-1.46	26.65	1431.16
262.0	-.42	34.55	1450.81	3.4	-1.46	26.64	1431.16
256.6	-.48	34.48	1450.34	1.8	-1.46	26.63	1431.10
251.2	-.55	34.45	1449.94				
245.8	-.60	34.40	1449.59				
240.4	-.70	34.31	1448.99				
235.0	-.79	34.24	1448.20				
229.7	-.90	34.12	1447.48				
224.3	-1.01	34.01	1446.68				
218.9	-1.16	33.90	1445.88				
213.5	-1.31	33.75	1444.95				
208.1	-1.40	33.65	1444.01				
202.8	-1.48	33.55	1443.43				

MIZPAC 84  
 DATE: 84/11/06  
 LAT: 72 10.1 N

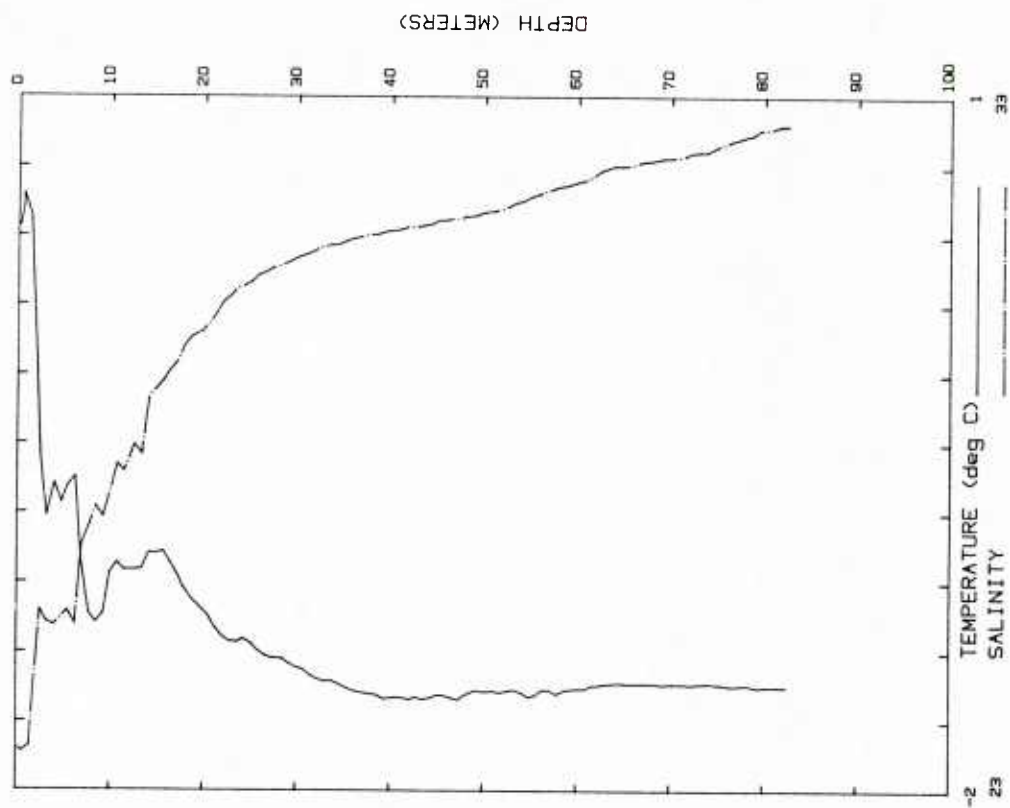
CAST# 22 DOWN  
 TIME: 21:29:32  
 LON: 145 23.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.44	27.02	1431.16	183.2	-1.62	33.27	1442.11	918.0	.03	34.90	1464.17
1.9	-1.45	26.58	1431.03	188.6	-1.61	33.30	1442.37	928.4	.02	34.92	1464.31
3.0	-1.45	26.57	1430.97	193.6	-1.61	33.39	1442.63	938.7	.06	34.86	1464.45
3.8	-1.45	26.59	1431.09	198.2	-1.56	33.45	1442.96	949.1	.01	34.96	1464.58
4.5	-1.45	26.59	1431.03	203.6	-1.52	33.55	1443.36	958.6	0.00	34.88	1464.65
5.3	-1.45	26.62	1431.09	208.2	-1.47	33.60	1443.82	968.1	-.01	34.93	1464.78
6.4	-1.46	26.61	1431.16	213.9	-1.37	33.71	1444.47	978.5	-.03	34.94	1464.92
7.1	-1.45	26.61	1431.05	218.6	-1.27	33.86	1445.35	988.5	-.04	34.94	1465.06
8.6	-1.45	26.62	1431.16	223.9	-1.15	33.97	1446.07	998.5	-.06	34.95	1465.12
10.1	-1.46	26.61	1431.16	228.6	-.99	34.09	1447.01	1008.5	-.06	34.91	1465.26
12.4	-1.46	26.69	1431.23	233.9	-.89	34.18	1447.79	1018.5	-.07	34.92	1465.40
14.7	-1.46	26.77	1431.36	238.6	-.78	34.28	1448.47	1028.1	-.08	34.96	1465.53
16.2	-1.47	26.95	1431.99	243.2	-.69	34.35	1449.00	1038.6	-.08	34.92	1465.67
18.4	-1.51	27.96	1432.90	248.6	-.63	34.43	1449.54	1048.2	-.09	34.94	1465.81
20.7	-1.52	28.15	1433.05	253.6	-.57	34.47	1450.00	1058.7	-.11	34.96	1465.81
22.2	-1.54	28.26	1433.18	258.6	-.49	34.51	1450.46	1068.3	-.12	34.95	1466.01
24.5	-1.55	28.41	1433.44	263.3	-.41	34.54	1450.94	1078.0	-.13	34.96	1466.15
26.0	-1.55	28.45	1433.44	269.1	-.35	34.59	1451.35	1088.5	-.14	34.95	1466.28
28.6	-1.55	28.52	1433.57	273.7	-.31	34.61	1451.68	1098.6	-.14	34.95	1466.42
30.5	-1.54	28.66	1433.89	278.3	-.26	34.62	1451.95	1108.7	-.15	34.95	1466.49
32.4	-1.48	28.95	1434.87	283.0	-.22	34.66	1452.21	1118.8	-.17	34.93	1466.63
34.6	-1.33	29.34	1436.01	288.4	-.17	34.68	1452.61	1128.0	-.17	34.82	1466.77
36.1	-1.31	29.60	1436.41	293.1	-.12	34.69	1452.89	1138.6	-.18	34.84	1466.90
38.8	-1.01	30.02	1438.55	298.5	-.06	34.72	1453.29	1148.7	-.19	34.97	1467.04
40.3	-1.16	30.12	1437.51	308.2	-.01	34.75	1453.76	1158.0	-.18	34.95	1467.23
42.2	-1.27	30.31	1437.44	318.3	.08	34.76	1454.36	1168.6	-.20	34.94	1467.31
44.4	-1.35	30.47	1437.44	328.4	.14	34.79	1454.90	1178.0	-.21	34.97	1467.45
46.0	-1.37	30.54	1437.30	338.1	.19	34.80	1455.23	1188.1	-.21	34.97	1467.58
48.2	-1.38	30.63	1437.56	348.2	.24	34.82	1455.64	1198.3	-.22	34.96	1467.71
50.5	-1.41	30.74	1437.57	358.4	.29	34.83	1456.04	1208.5	-.22	34.95	1467.86
52.0	-1.40	30.80	1437.76	368.5	.33	34.86	1456.45	1218.7	-.23	34.96	1467.77
54.6	-1.40	30.94	1438.08	378.7	.35	34.86	1456.71	1228.5	-.24	34.97	1469.97
56.2	-1.40	30.98	1437.96	388.5	.39	34.86	1457.05	1238.4	-.24	34.96	1470.05
58.4	-1.43	31.01	1437.84	398.6	.40	34.87	1457.25	1249.0	-.25	34.94	1470.19
60.7	-1.47	31.16	1438.08	408.4	.42	34.88	1457.52	1258.4	-.25	34.95	1470.32
62.2	-1.47	31.25	1438.22	418.3	.43	34.89	1457.73	1268.7	-.26	34.98	1470.53
64.5	-1.45	31.38	1438.55	428.5	.44	34.89	1457.93	1278.5	-.27	34.93	1470.60
66.0	-1.44	31.47	1438.67	439.1	.44	34.89	1458.13	1288.0	-.27	34.98	1470.30
68.6	-1.45	31.59	1438.92	448.5	.46	34.90	1458.34	1298.3	-.28	34.96	1470.88
70.1	-1.45	31.63	1438.99	458.8	.46	34.90	1458.54	1308.1	-.28	34.98	1471.89
72.4	-1.46	31.70	1439.00	468.2	.46	34.91	1458.80	1318.0	-.28	34.97	1472.18
74.7	-1.47	31.77	1439.07	478.5	.48	34.91	1458.95	1328.3	-.29	34.94	1472.32
76.6	-1.47	31.82	1439.20	488.4	.48	34.91	1459.08	1338.2	-.29	34.95	1472.45
78.1	-1.47	31.83	1439.21	499.1	.48	34.92	1459.35	1348.6	-.30	34.95	1472.59
80.4	-1.48	31.89	1439.34	508.6	.49	34.92	1459.49	1358.9	-.30	34.97	1472.80
82.3	-1.47	31.96	1439.53	520.5	.49	34.92	1459.76	1368.0	-.30	34.97	1472.93
84.5	-1.45	32.02	1439.79	528.4	.49	34.92	1459.89	1378.0	-.31	34.94	1473.07
86.1	-1.44	32.06	1439.86	538.7	.49	34.94	1460.03	1388.3	-.31	34.98	1473.21
88.3	-1.44	32.10	1439.86	548.3	.49	34.93	1460.16	1398.7	-.31	34.98	1473.35
90.6	-1.45	32.16	1440.00	558.2	.49	34.93	1460.36	1408.3	-.32	34.97	1473.49
92.1	-1.45	32.19	1440.05	568.2	.48	34.93	1460.43	1418.7	-.32	34.93	1473.63
94.4	-1.45	32.26	1440.19	578.2	.47	34.93	1460.57	1428.7	-.33	34.93	1473.83
96.7	-1.47	32.32	1440.25	588.1	.46	34.92	1460.70	1438.7	-.34	34.98	1473.97
98.2	-1.46	32.34	1440.26	598.9	.45	34.92	1460.78	1448.7	-.33	34.97	1474.11
100.5	-1.47	32.38	1440.32	608.5	.43	34.94	1460.91	1459.2	-.34	34.97	1474.25
102.0	-1.46	32.39	1440.39	618.6	.42	34.94	1461.04	1468.3	-.34	34.98	1474.45
104.7	-1.49	32.44	1440.39	628.6	.42	34.94	1461.11	1478.4	-.35	34.97	1474.59
106.2	-1.49	32.45	1440.46	639.0	.40	34.94	1461.25	1488.4	-.35	34.98	1474.73
108.5	-1.50	32.48	1440.39	648.3	.39	34.93	1461.32	1498.0	-.35	34.08	1474.87
110.0	-1.50	32.51	1440.52	658.3	.38	34.94	1461.51				
112.6	-1.51	32.54	1440.53	668.0	.36	34.88	1461.59				
114.2	-1.53	32.56	1440.46	678.5	.34	34.95	1461.72				
116.4	-1.54	32.59	1440.59	688.5	.34	34.95	1461.79				
118.0	-1.54	32.60	1440.59	698.6	.33	34.93	1461.93				
120.2	-1.55	32.64	1440.66	709.1	.30	34.95	1461.93				
122.5	-1.54	32.67	1440.79	718.0	.30	34.90	1462.06				
124.1	-1.53	32.69	1440.92	728.2	.28	34.94	1462.13				
126.3	-1.53	32.70	1440.92	738.7	.27	34.82	1462.27				
128.6	-1.52	32.73	1441.04	748.0	.25	34.94	1462.40				
130.1	-1.53	32.74	1441.05	759.0	.23	34.94	1462.47				
132.4	-1.56	32.77	1440.92	768.4	.23	34.95	1462.60				
134.0	-1.56	32.77	1440.98	778.6	.21	34.95	1462.74				
136.2	-1.58	32.81	1441.04	788.3	.20	34.94	1462.81				
138.2	-1.58	32.83	1441.05	798.1	.19	34.94	1462.94				
140.1	-1.58	32.84	1441.05	808.3	.17	34.96	1463.01				
142.3	-1.58	32.86	1441.12	818.1	.16	34.94	1463.14				
144.6	-1.59	32.89	1441.12	828.0	.15	34.95	1463.22				
146.2	-1.60	32.90	1441.18	838.2	.14	34.95	1463.29				
148.5	-1.60	32.91	1441.25	848.5	.12	34.94	1463.42				
153.0	-1.60	32.97	1441.32	858.3	.11	34.94	1463.55				
158.4	-1.61	33.01	1441.44	868.6	.10	34.95	1463.63				
163.0	-1.63	33.06	1441.51	878.0	.08	34.94	1463.82				
168.7	-1.63	33.10	1441.64	888.7	.07	34.96	1463.90				
173.3	-1.63	33.15	1441.84	898.6	.06	34.87	1463.97				
178.7	-1.63	33.22	1441.97	908.9	.04	34.89	1464.10				



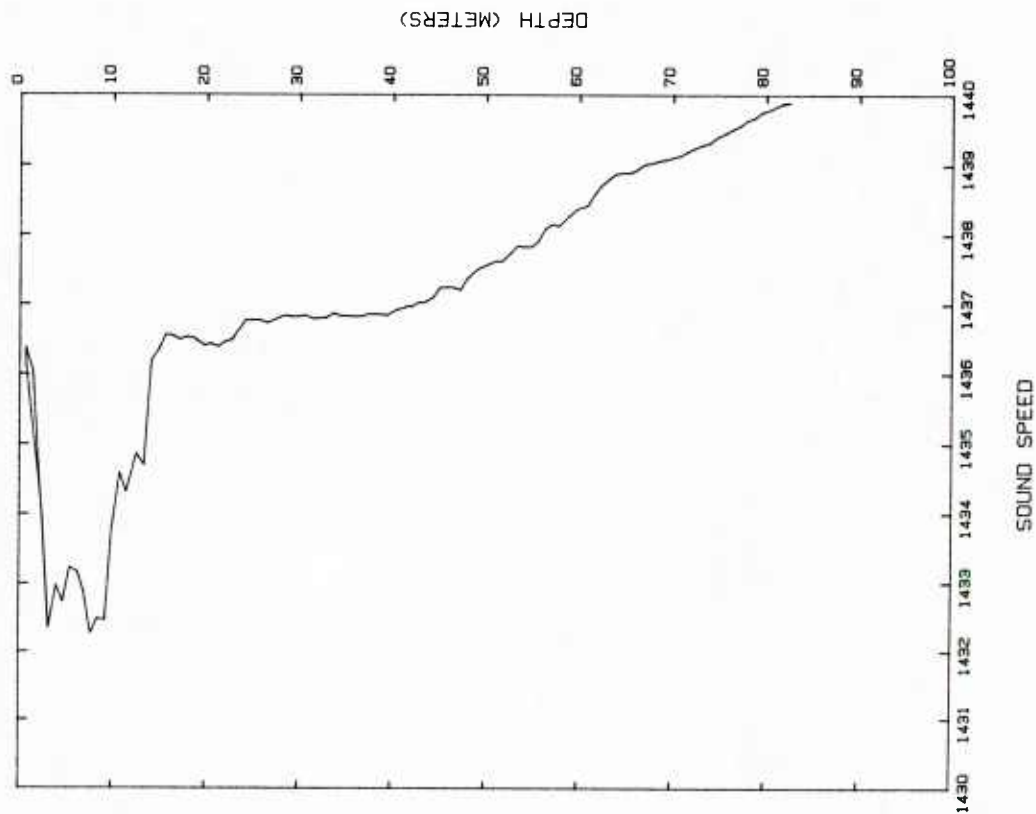
CAST# 1 DOWN  
DATE: 84/09/18  
TIME: 06:43:27  
LAT: 70 34.34 N  
LON: 143 52.0 W

# MIZPAC 84 CTD PROFILE



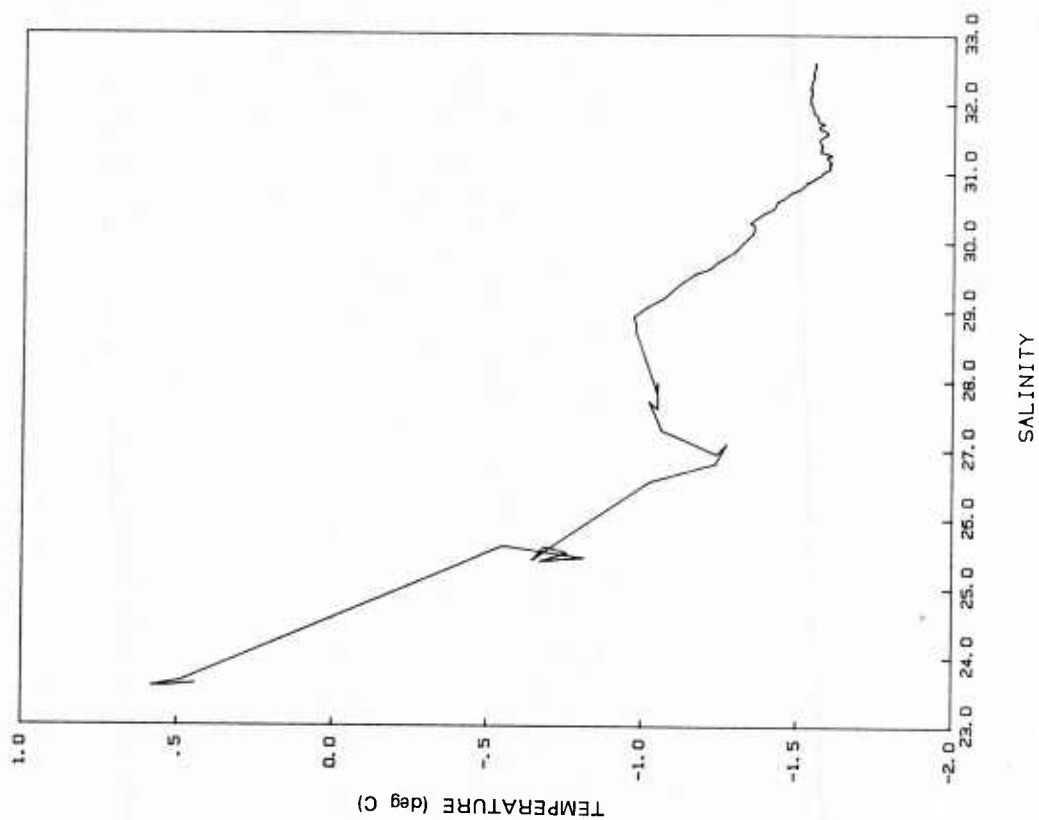
CAST# 1 DOWN  
DATE: 84/09/18  
TIME: 06:43:27  
LAT: 70 34.34 N  
LON: 143 52.0 W

# MIZPAC 84 CALCULATED SOUND SPEED



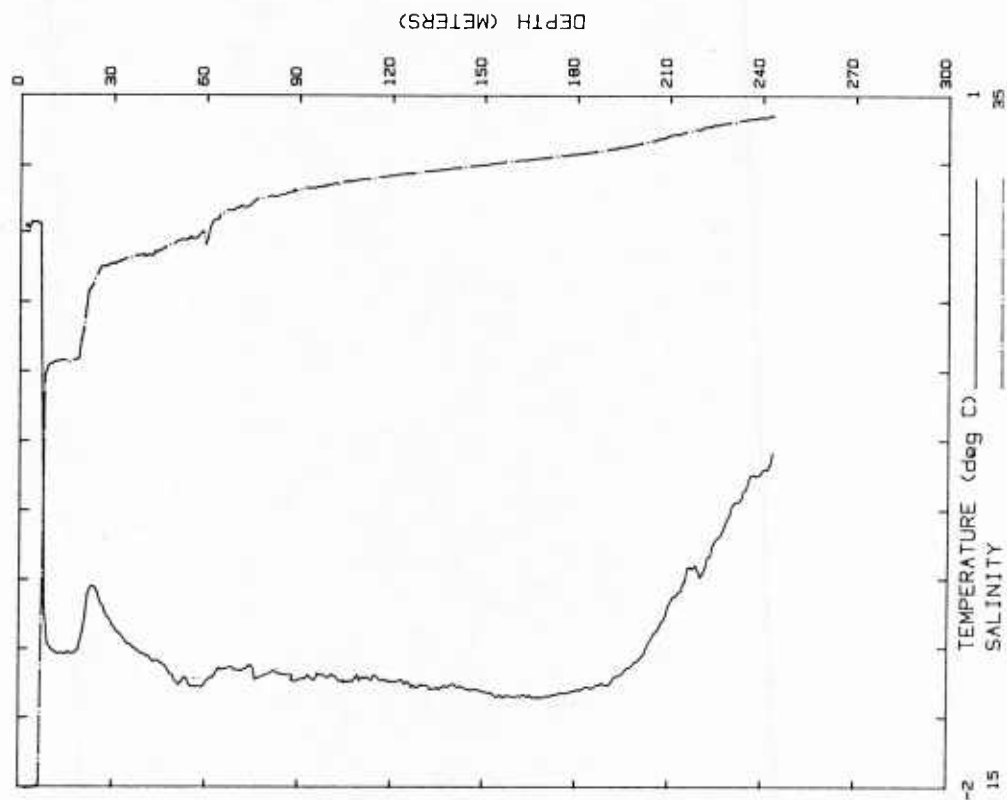
CAST# 1 DOWN  
 DATE: 84/09/18  
 TIME: 06:43:27  
 LAT: 70 34.34 N  
 LON: 143 52.0 W

# MIZPAC 84 TS CURVE



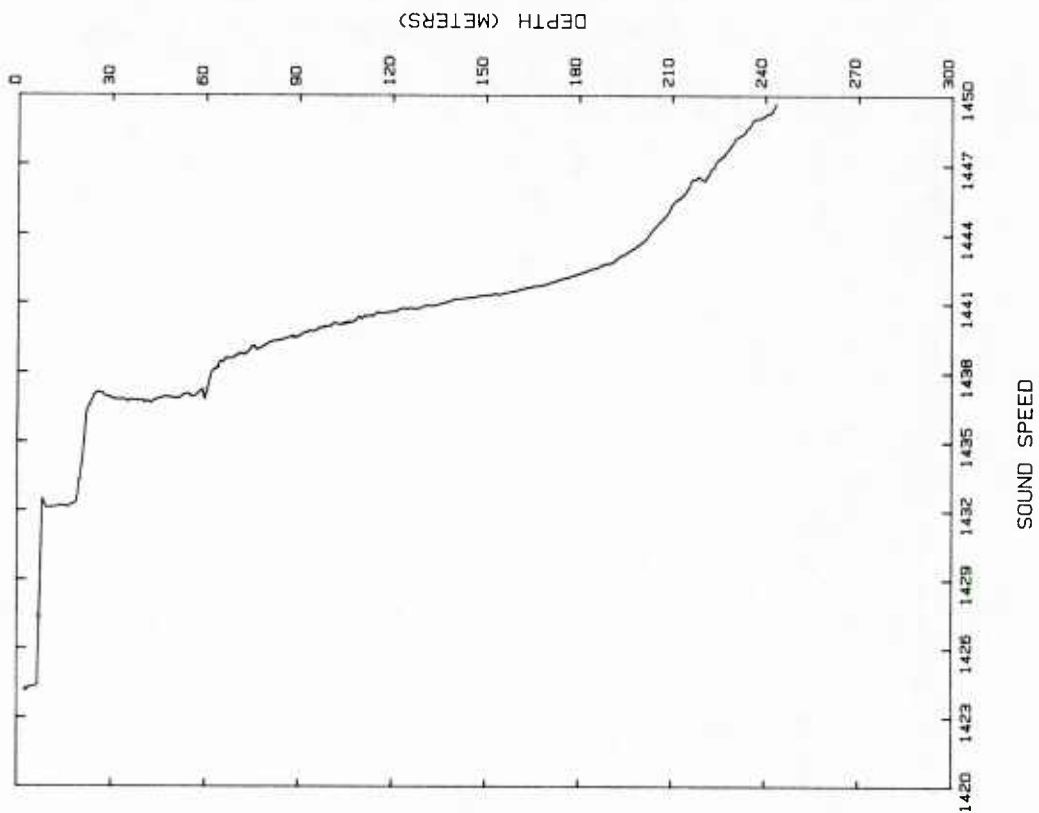
CAST# 2 DOWN  
 DATE: 84/09/19  
 TIME: 08:09:22  
 LAT: 70 58.33 N  
 LON: 139 04 W

# MIZPAC 84 CTD PROFILE



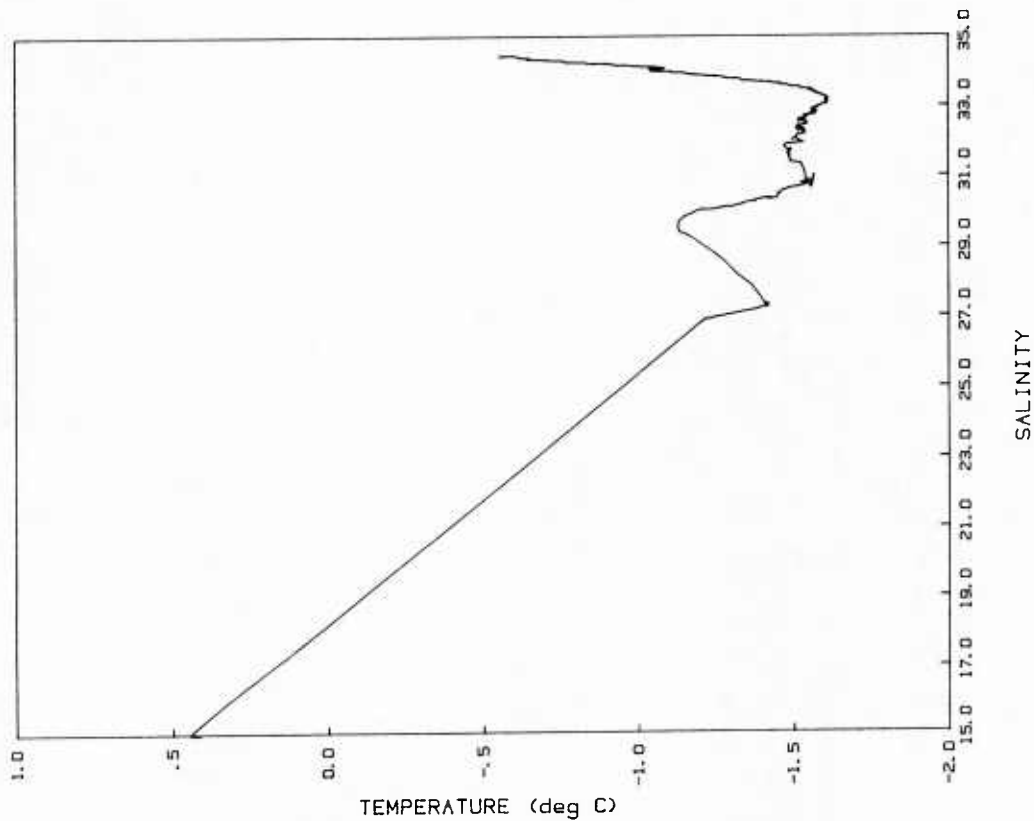
CAST# 2 DOWN  
DATE: 84/08/19  
TIME: 08:09:22  
LAT: 70 59.33 N  
LON: 139 04 W

# MIZPAC 84 CALCULATED SOUND SPEED



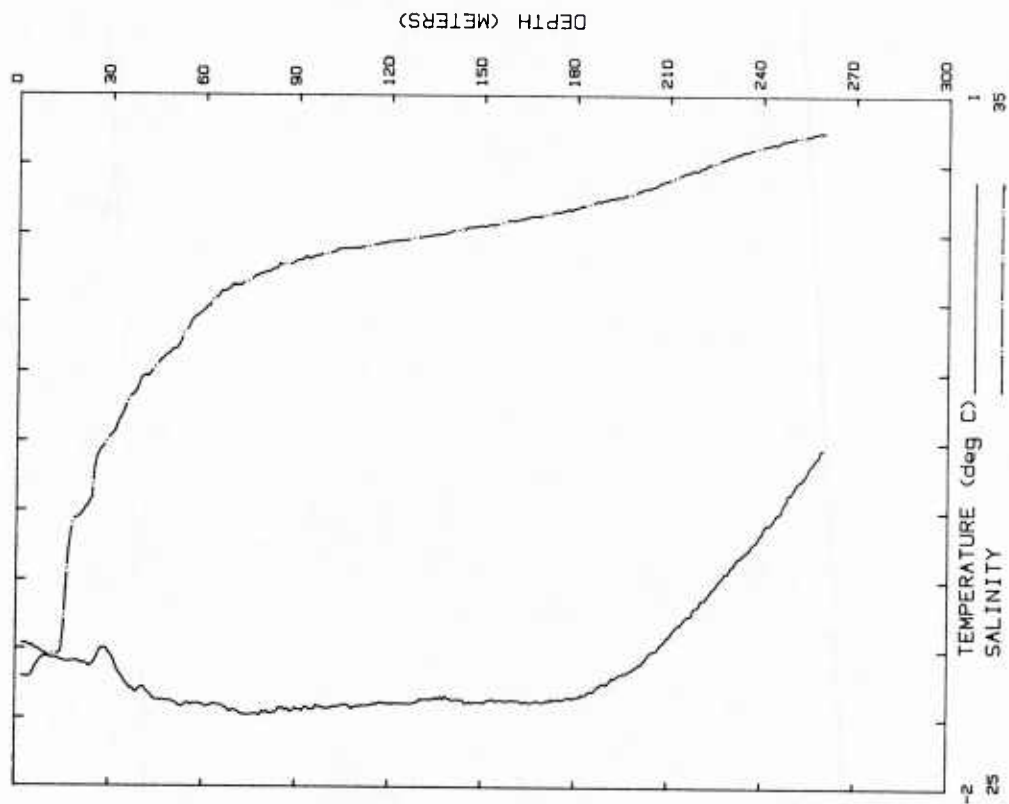
CAST# 2 DOWN  
DATE: 84/08/19  
TIME: 08:09:22  
LAT: 70 59.33 N  
LON: 139 04 W

# MIZPAC 84 TS CURVE



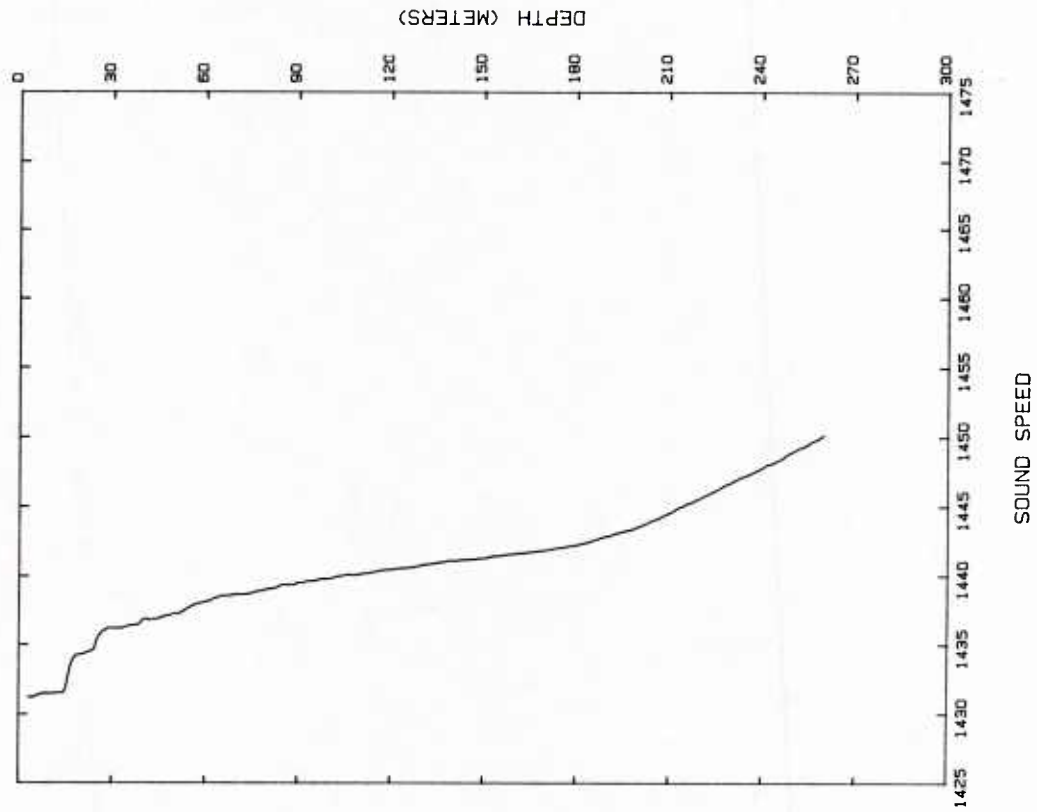
CAST# 3 DOWN  
 DATE: 84/09/19  
 TIME: 18:52:45  
 LAT: 72 52.5 N  
 LAN: 136 56 W

# MIZPAC 84 CTD PROFILE



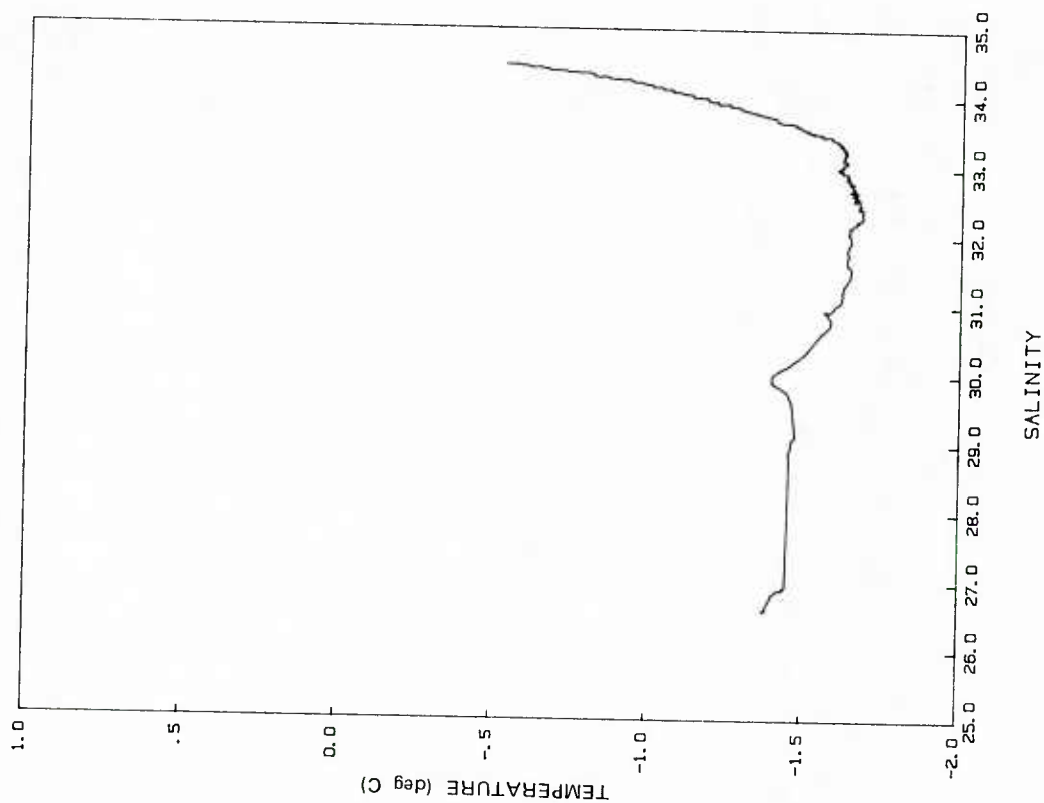
CAST# 3 DOWN  
 DATE: 84/09/19  
 TIME: 18:52:45  
 LAT: 72 52.5 N  
 LAN: 136 56 W

# MIZPAC 84 CALCULATED SOUND SPEED



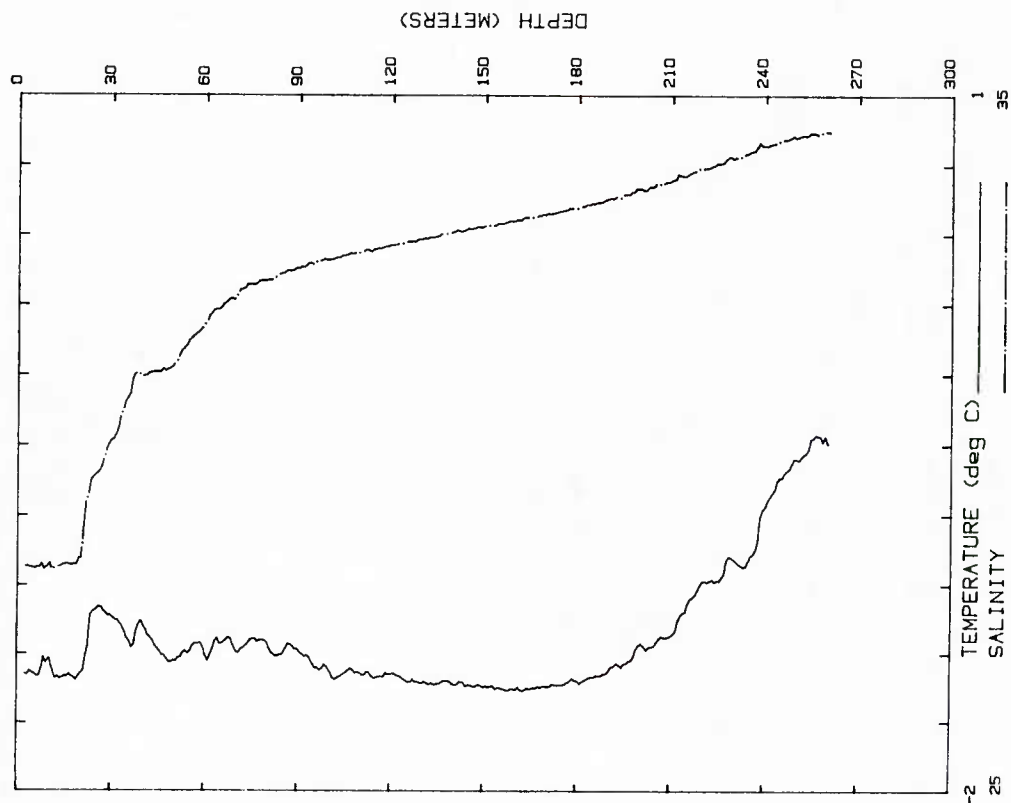
CAST# 3 DOWN  
 DATE: 84/09/19  
 TIME: 18:52:45  
 LAT: 72 52.5 N  
 LON: 136 56 W

# MIZPAC 84 TS CURVE



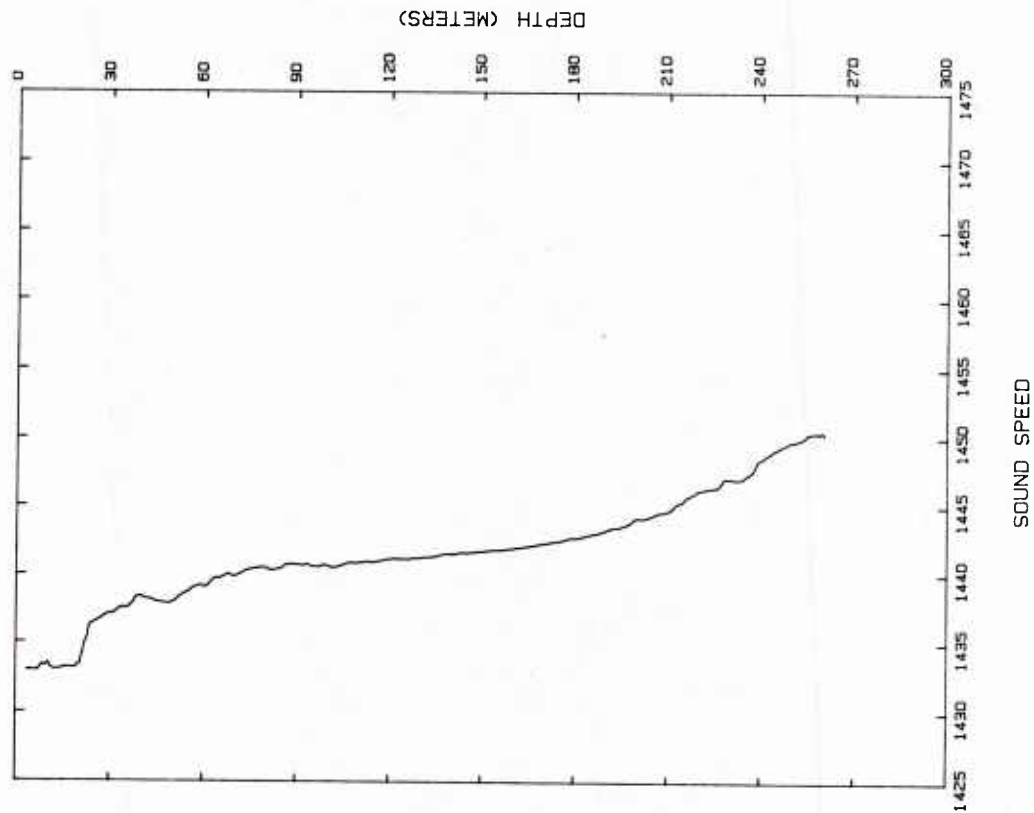
CAST# 4 DOWN  
 DATE: 84/09/20  
 TIME: 04:24:58  
 LAT: 72 22 N  
 LON: 137 34.7 W

# MIZPAC 84 CTD PROFILE



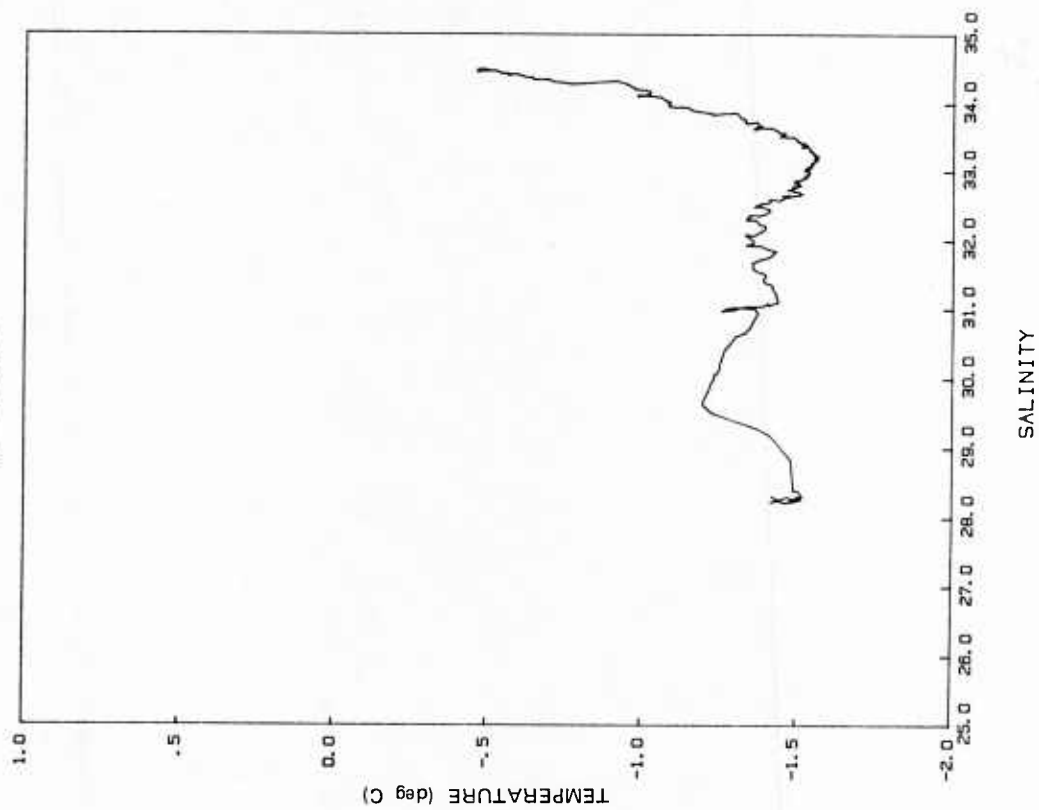
CAST# 4 DOWN  
 DATE: 84/09/20  
 TIME: 04:24:58  
 LAT: 72 22 N  
 LON: 137 34.7 W

# MIZPAC 84 CALCULATED SOUND SPEED



CAST# 4 DOWN  
 DATE: 84/09/20  
 TIME: 04:24:58  
 LAT: 72 22 N  
 LON: 137 34.7 W

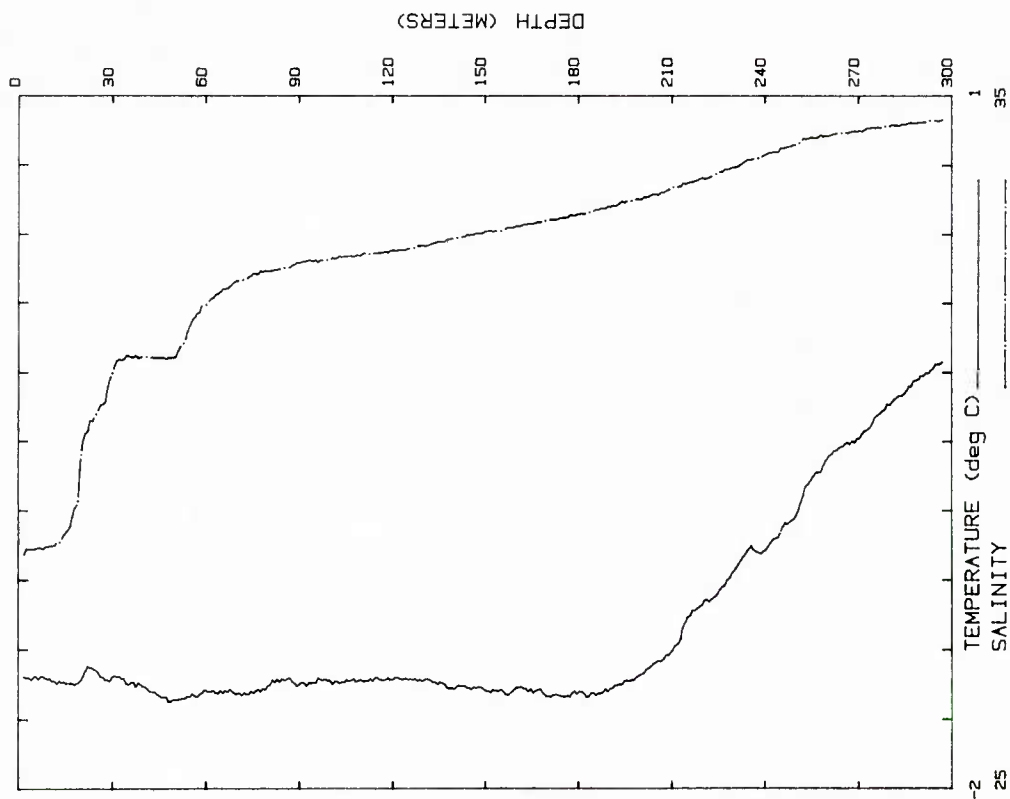
# MIZPAC 84 TS CURVE





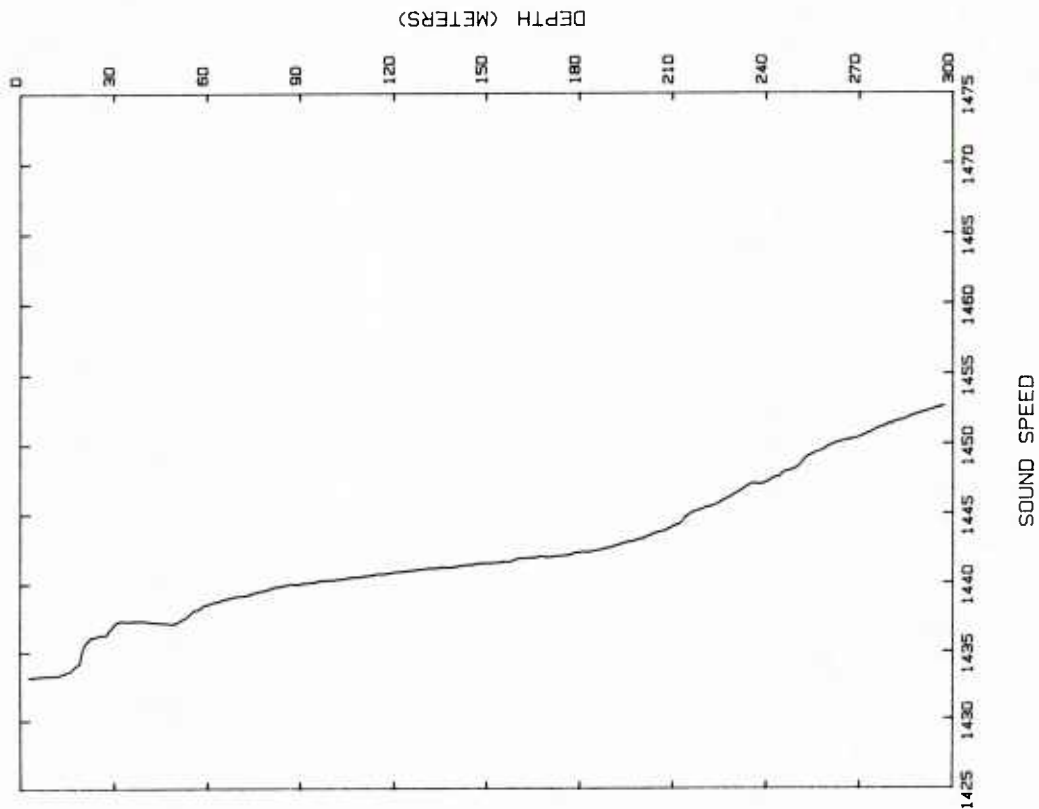
CAST# 5 DOWN  
DATE: 84/09/20  
TIME: 18:48:57  
LAT: 72 33.9 N  
LON: 137 33.1 W

# MIZPAC 84 CTD PROFILE



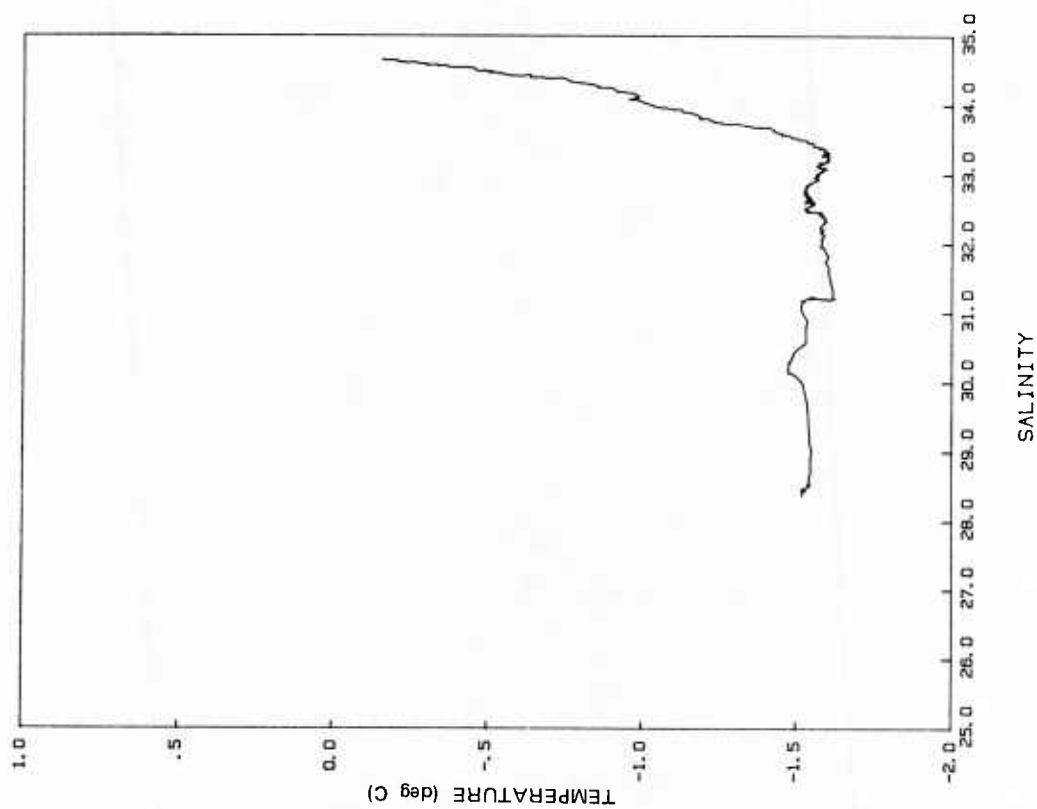
CAST# 5 DOWN  
DATE: 84/09/20  
TIME: 18:48:57  
LAT: 72 33.9 N  
LON: 137 33.1 W

# MIZPAC 84 CALCULATED SOUND SPEED



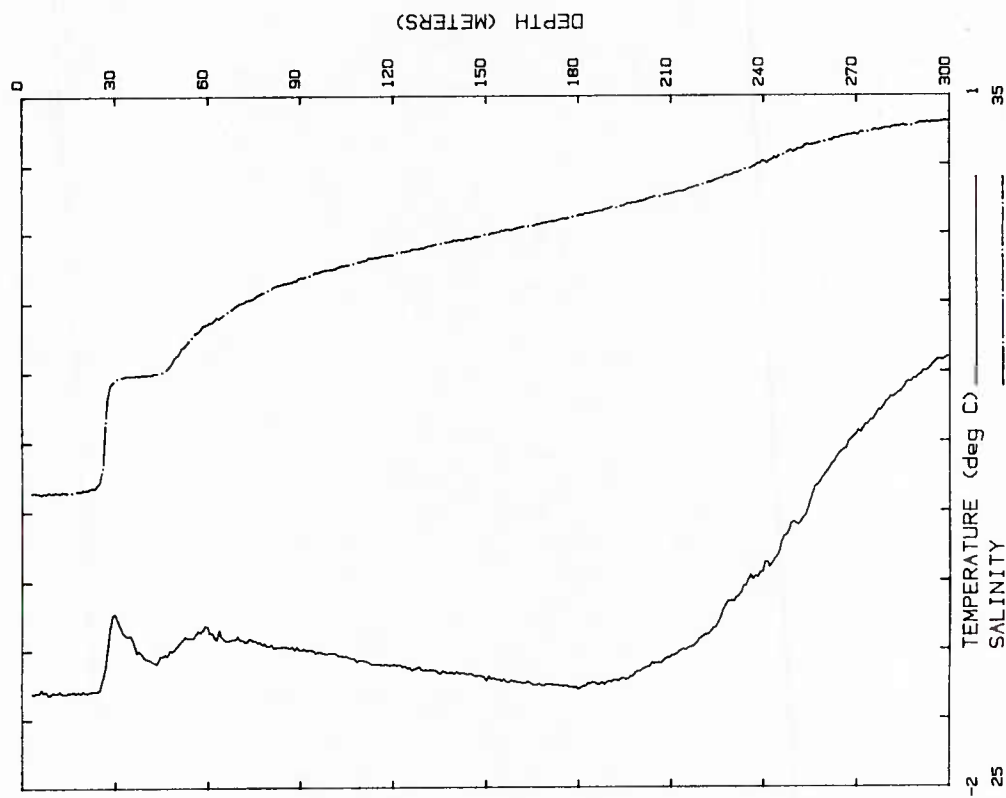
CAST# 5 DOWN  
 DATE: 84/09/20  
 TIME: 16.48.57  
 LAT: 72 33.9 N  
 LON: 137 33.1 W

# MIZPAC 84 TS CURVE



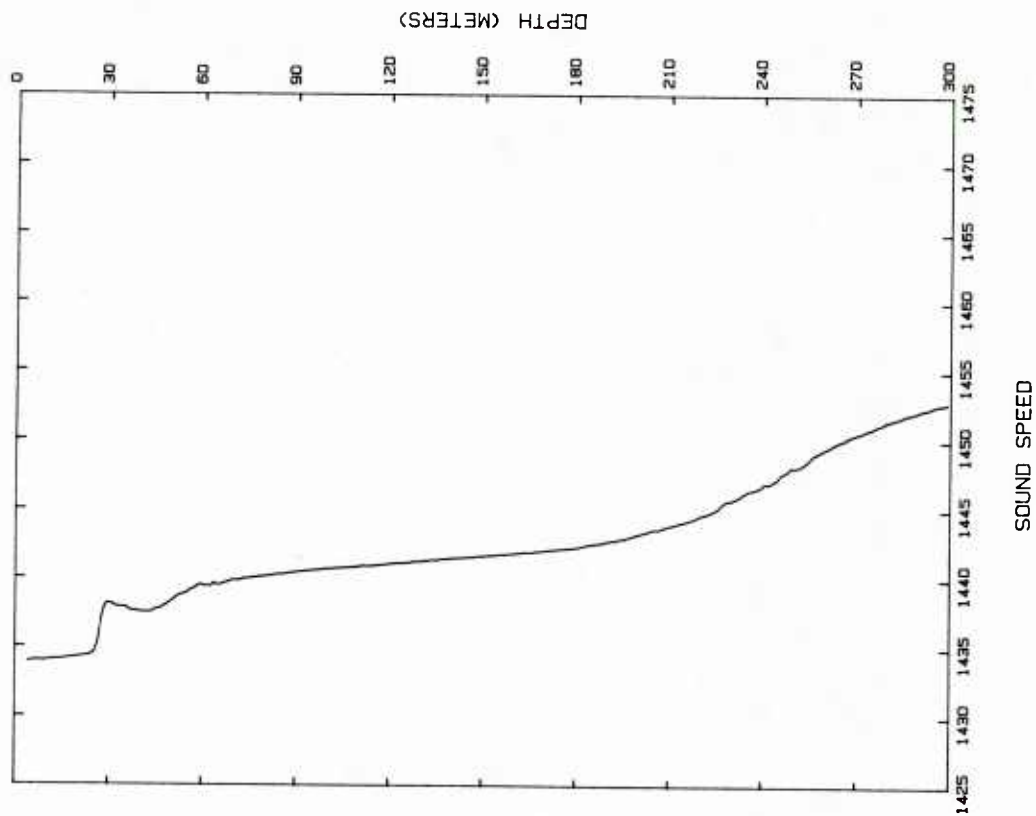
CAST# 6 DOWN  
 DATE: 84/09/22  
 TIME: 03.17.49  
 LAT: 73 26.5 N  
 LON: 138 29.5 W

# MIZPAC 84 CTD PROFILE



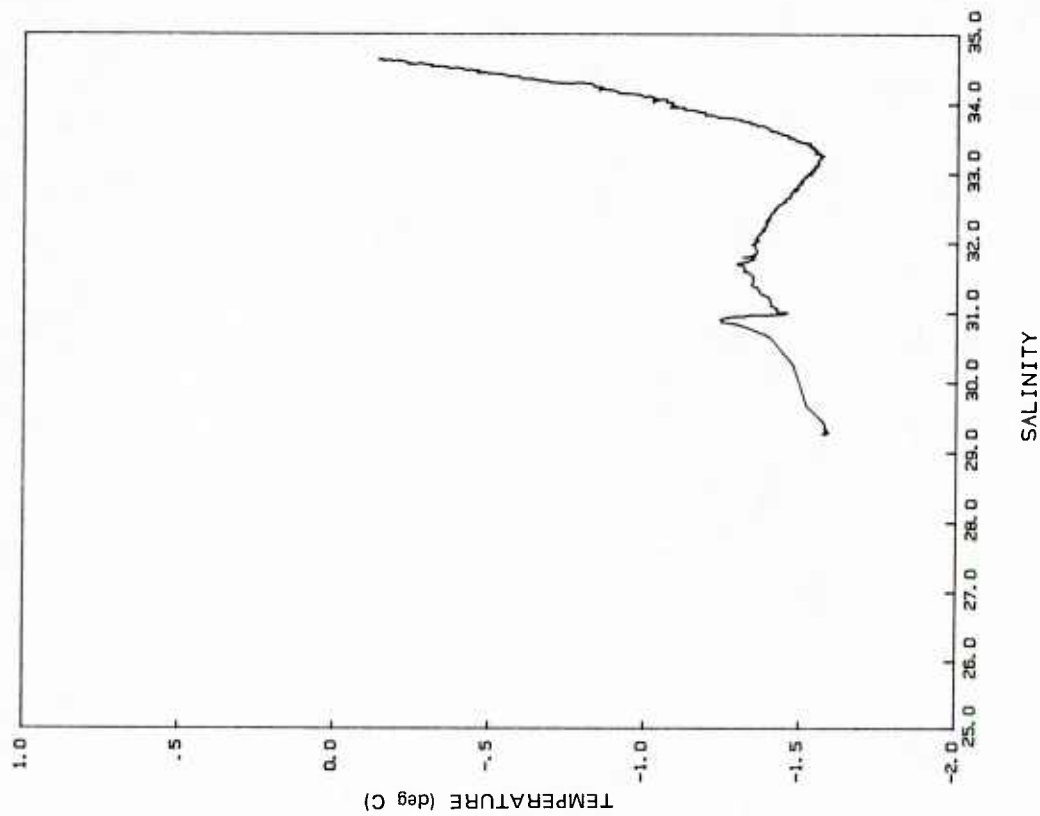
CAST# 6 DOWN  
 DATE: 84/09/22  
 TIME: 03:17:49  
 LAT: 73 26.5 N  
 LON: 138 29.5 W

# MIZPAC 84 CALCULATED SOUND SPEED



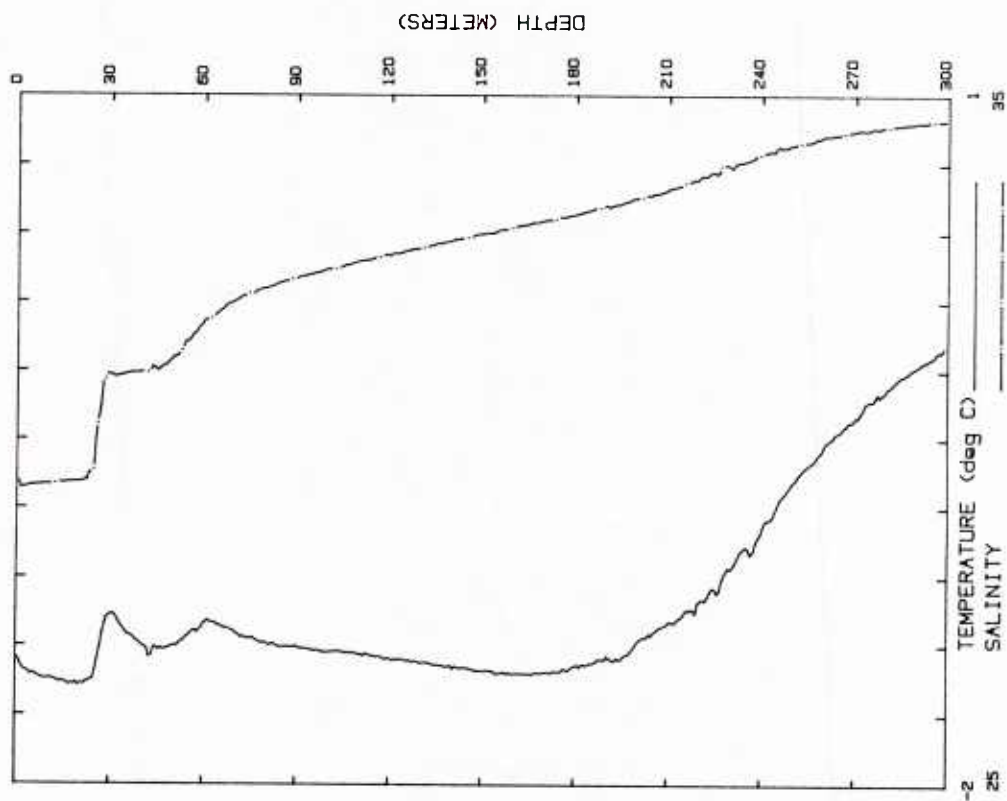
CAST# 6 DOWN  
 DATE: 84/09/22  
 TIME: 03:17:49  
 LAT: 73 26.5 N  
 LON: 138 29.5 W

# MIZPAC 84 TS CURVE



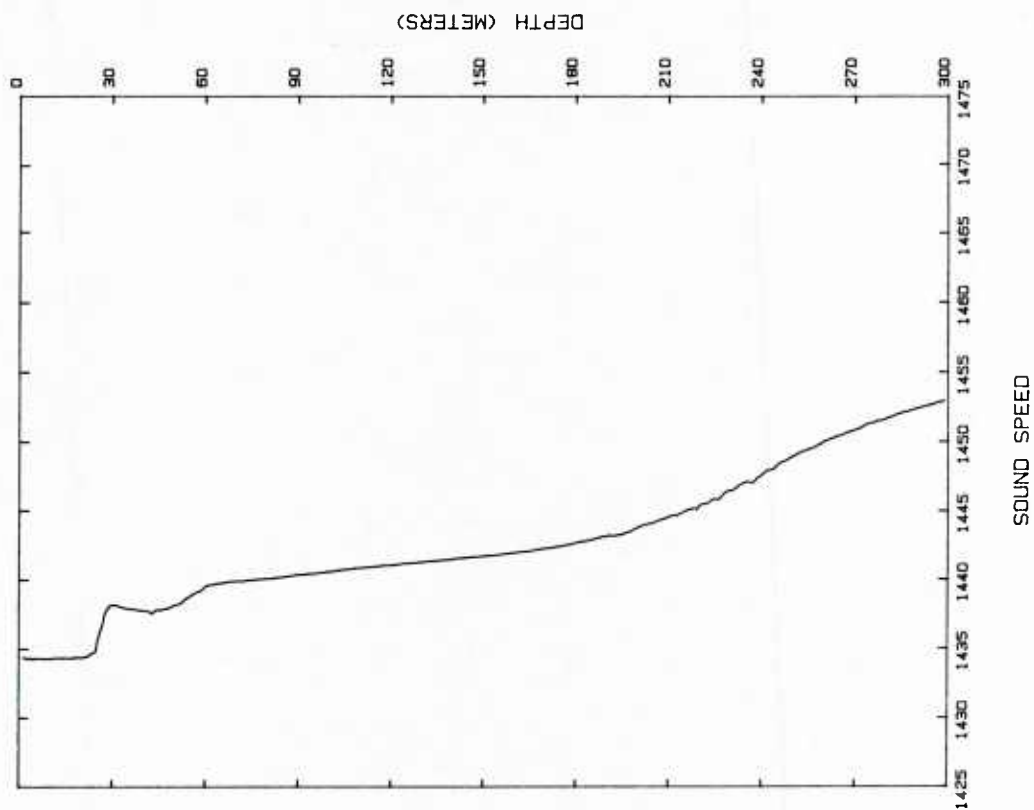
CAST# 7 DOWN  
 DATE: 84/09/23  
 TIME: 00:06:56  
 LAT: 73 29.03 N  
 LON: 138 19.8 W

# MIZPAC 84 CTD PROFILE



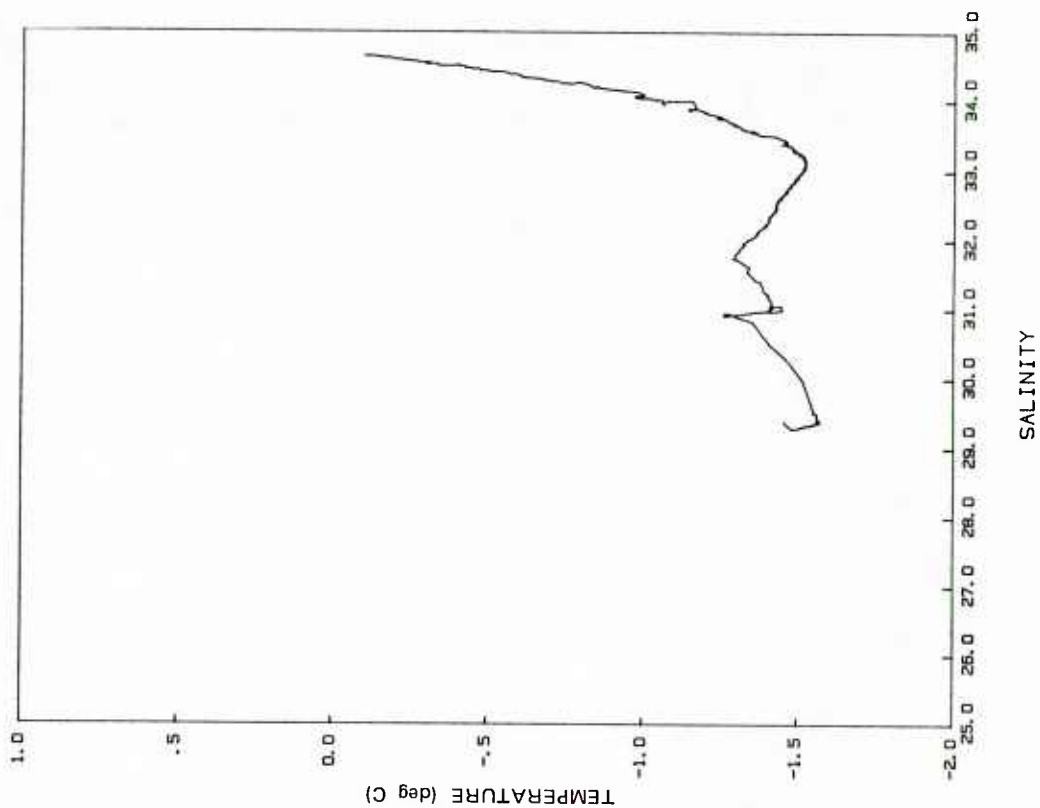
CAST# 7 DOWN  
 DATE: 84/09/23  
 TIME: 00:06:56  
 LAT: 73 29.03 N  
 LON: 138 19.8 W

# MIZPAC 84 CALCULATED SOUND SPEED



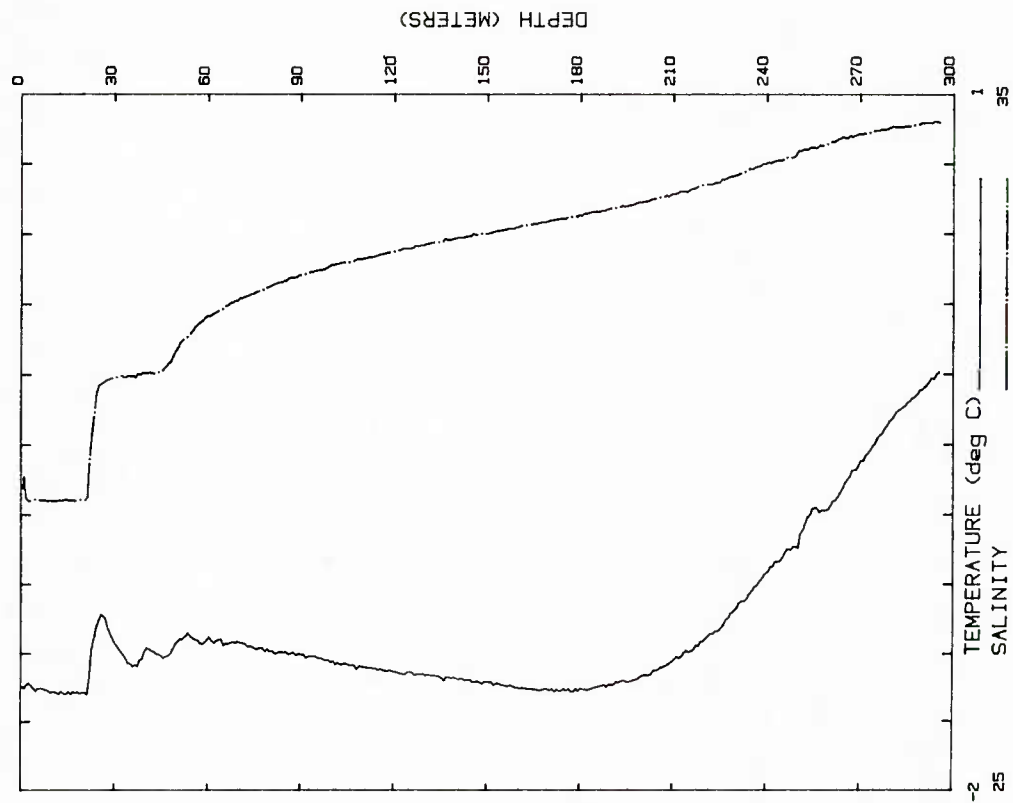
CAST# 7 DOWN  
 DATE: 84/09/23  
 TIME: 00:06:56  
 LAT: 73 23.03 N  
 LON: 136 19.8 W

# MIZPAC 84 TS CURVE



CAST# 8 DOWN  
 DATE: 84/09/25  
 TIME: 03:51:32  
 LAT: 73 24.4 N  
 LON: 136 05 W

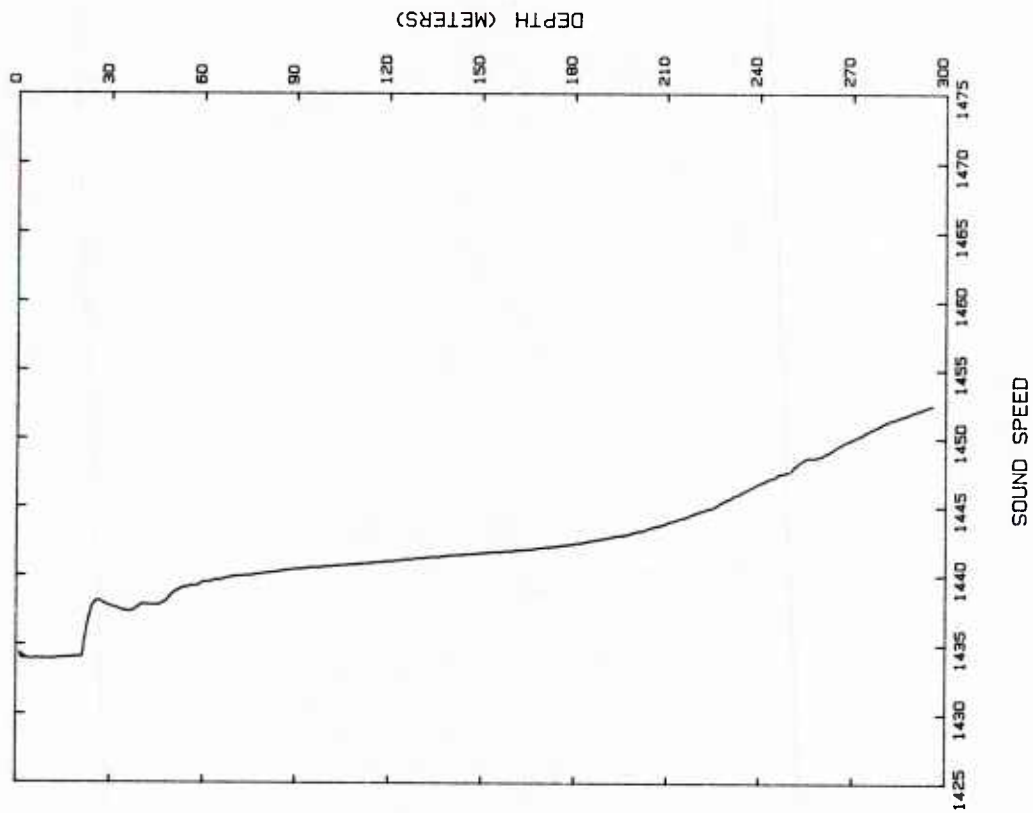
# MIZPAC 84 CTD PROFILE





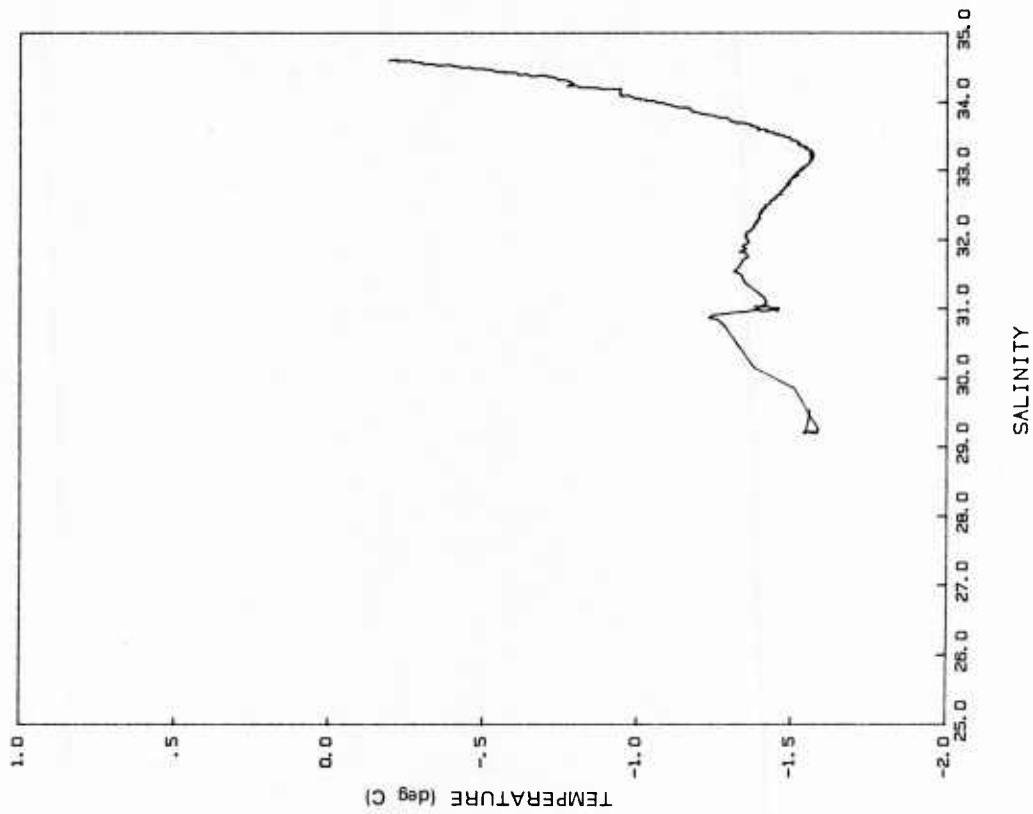
CAST# 8 DOWN  
DATE: 84/08/25  
TIME: 03:51:32  
LAT: 73 24.4 N  
LON: 139 05 W

MIZPAC 84  
CALCULATED SOUND SPEED



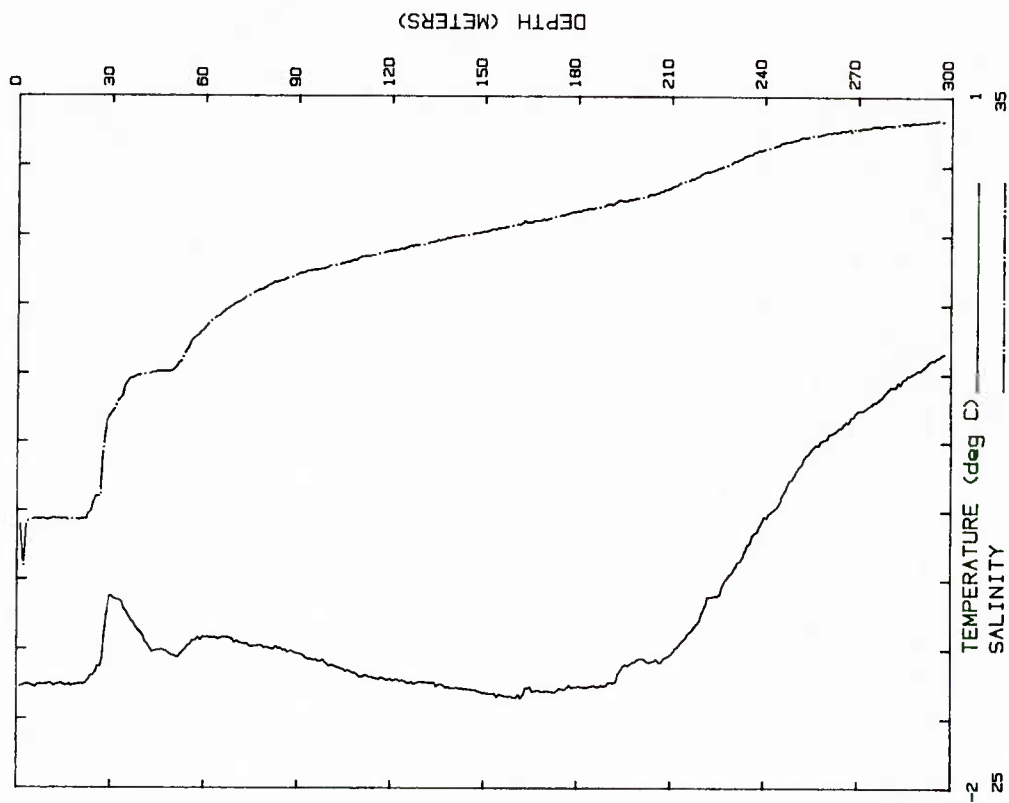
CAST# 8 DOWN  
DATE: 84/08/25  
TIME: 03:51:32  
LAT: 73 24.4 N  
LON: 139 05 W

MIZPAC 84  
TS CURVE



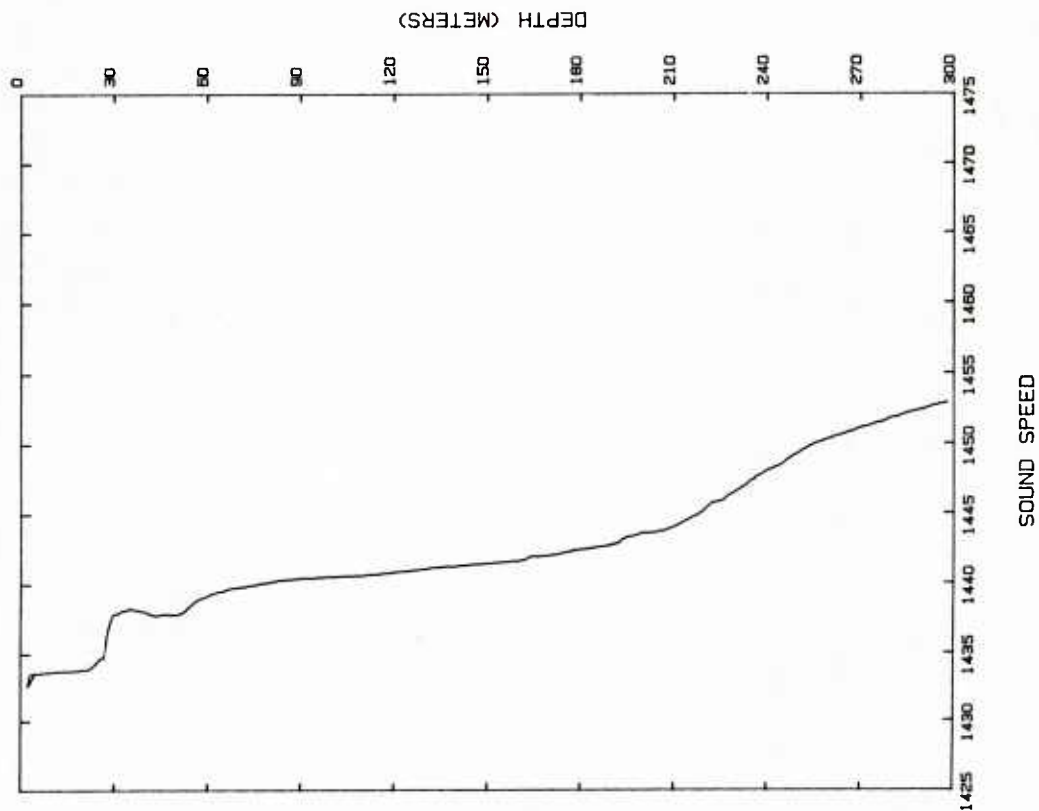
CAST# 9 DOWN  
DATE: 84/09/26  
TIME: 04:01:31  
LAT: 72 47.5 N  
LON: 141 36.1 W

# MIZPAC 84 CTD PROFILE



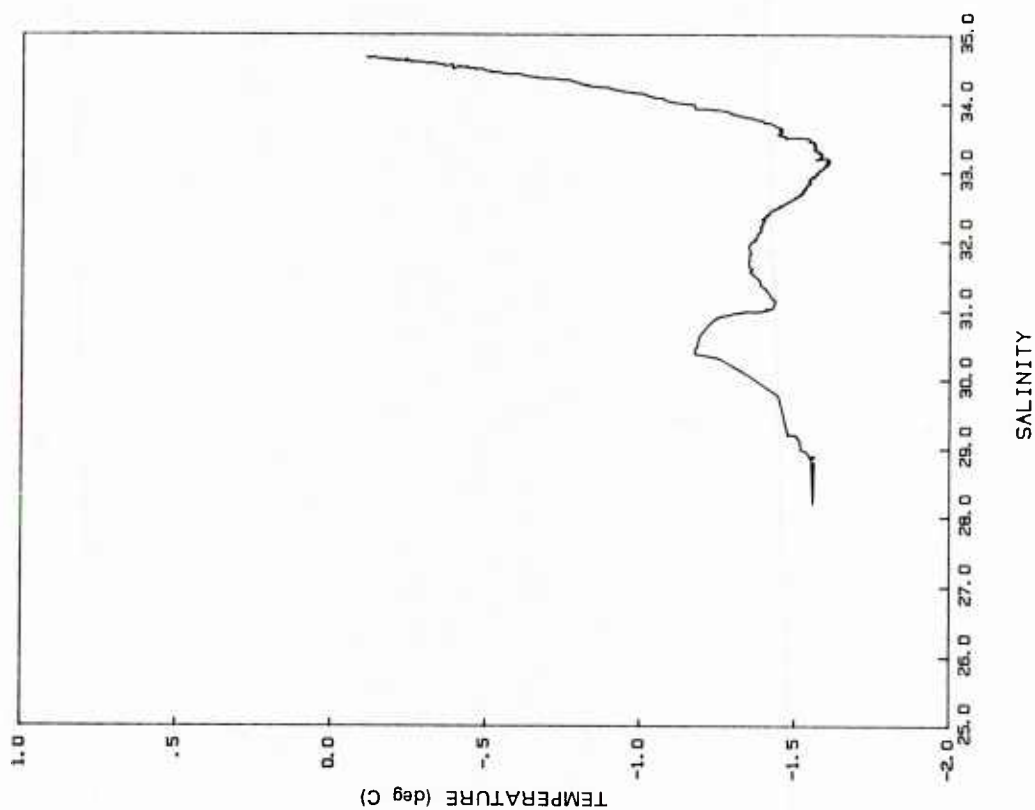
CAST# 9 DOWN  
DATE: 84/09/26  
TIME: 04:01:31  
LAT: 72 47.5 N  
LON: 141 36.1 W

# MIZPAC 84 CALCULATED SOUND SPEED



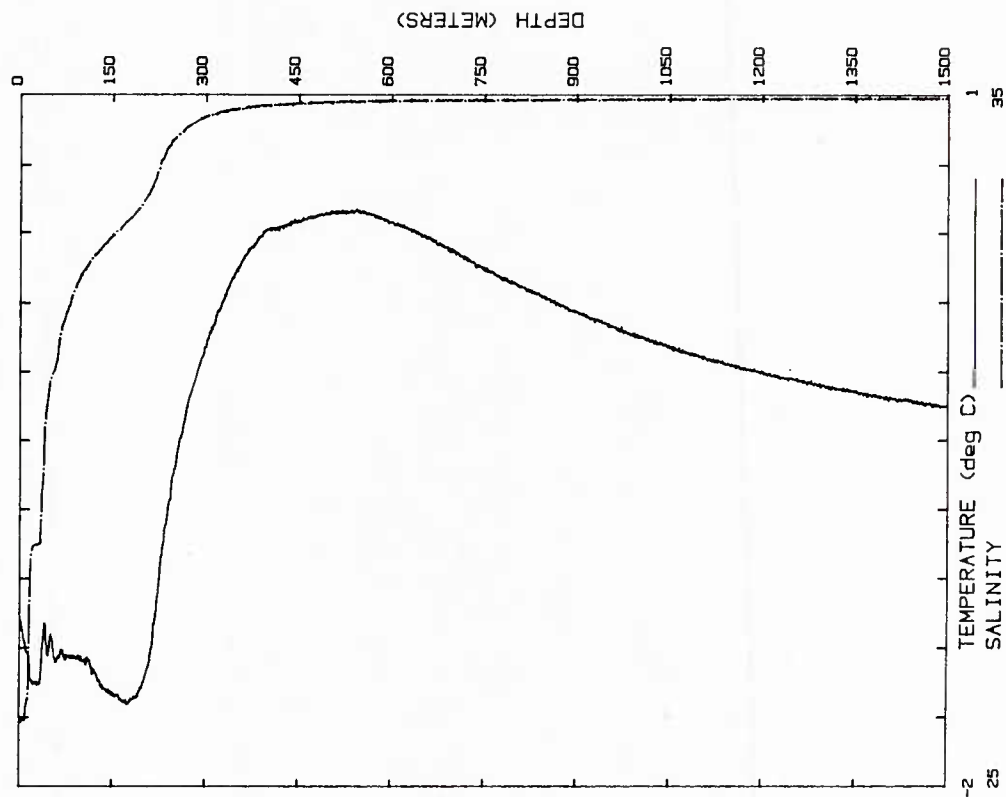
CAST# 9 DOWN  
 DATE: 84/09/28  
 TIME: 04:01:31  
 LAT: 72 47.5 N  
 LON: 141 36.1 W

# MIZPAC 84 TS CURVE



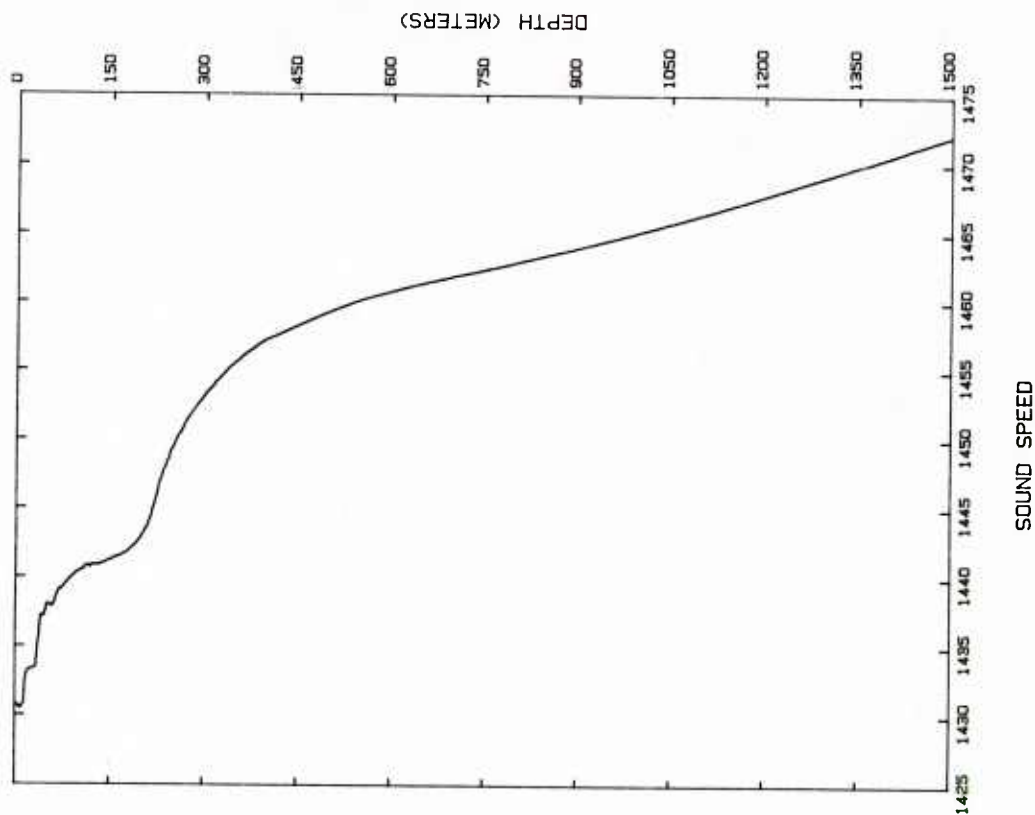
CAST# 10 DOWN  
 DATE: 84/10/11  
 TIME: 04:23:50  
 LAT: 72 28.9 N  
 LON: 144 31.5 W

# MIZPAC 84 CTD PROFILE



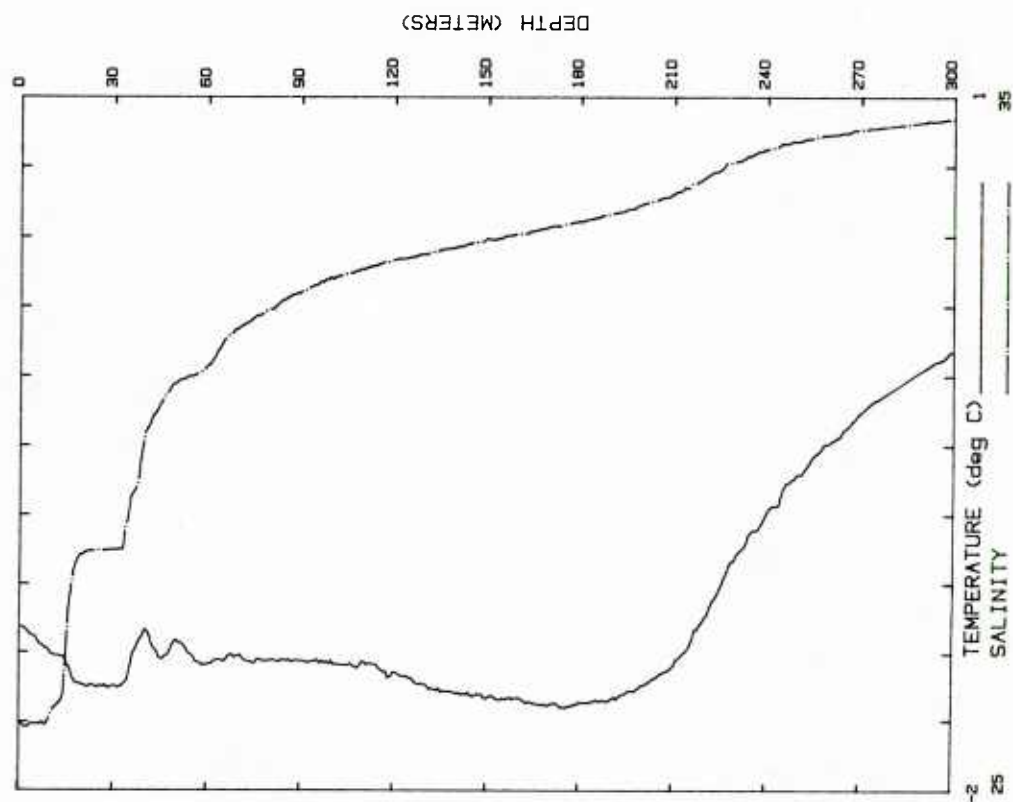
CAST# 10 DOWN  
 DATE: 84/10/11  
 TIME: 04:23:50  
 LAT: 72 29.9 N  
 LON: 144 31.5 W

# MIZPAC 84 CALCULATED SOUND SPEED



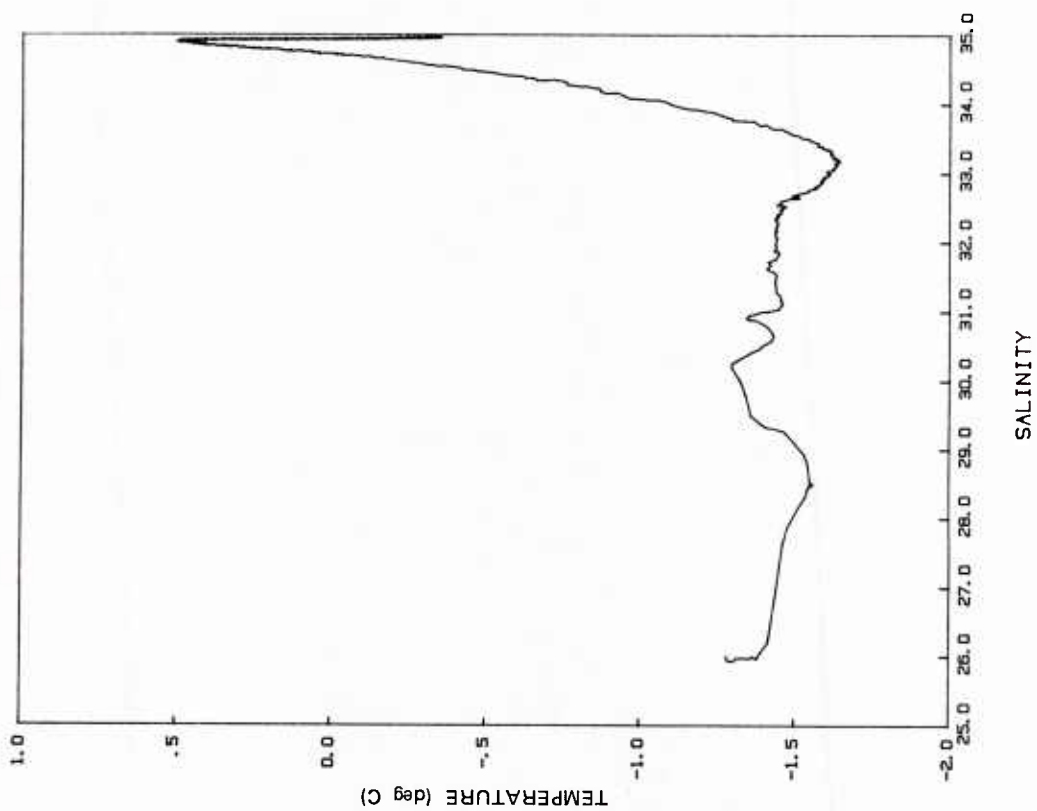
CAST# 10 DOWN  
 DATE: 84/10/11  
 TIME: 04:23:50  
 LAT: 72 29.9 N  
 LON: 144 31.5 W

# MIZPAC 84 CTD PROFILE



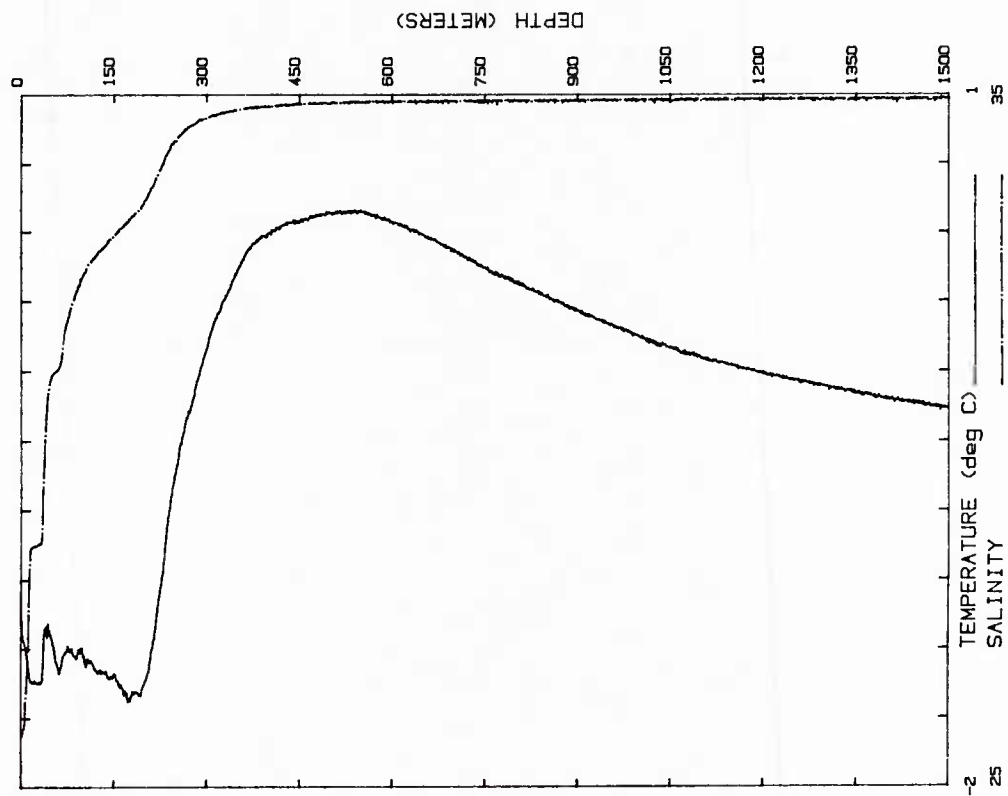
CAST# 10 DOWN  
DATE: 84/10/11  
TIME: 04:23:50  
LAT: 72 31.5 N  
LON: 144 31.5 W

# MIZPAC 84 TS CURVE



CAST# 11 DOWN  
DATE: 84/10/13  
TIME: 08:14:43  
LAT: 72 31.5 N  
LON: 144 37.9 W

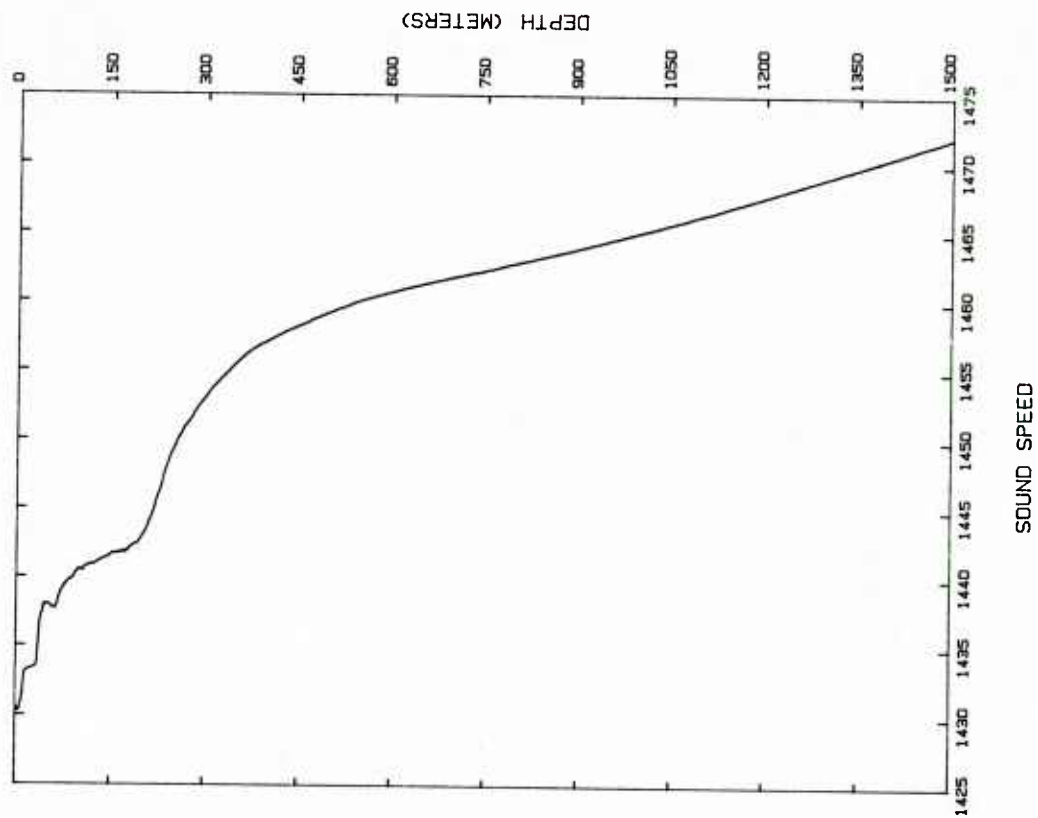
# MIZPAC 84 CTD PROFILE





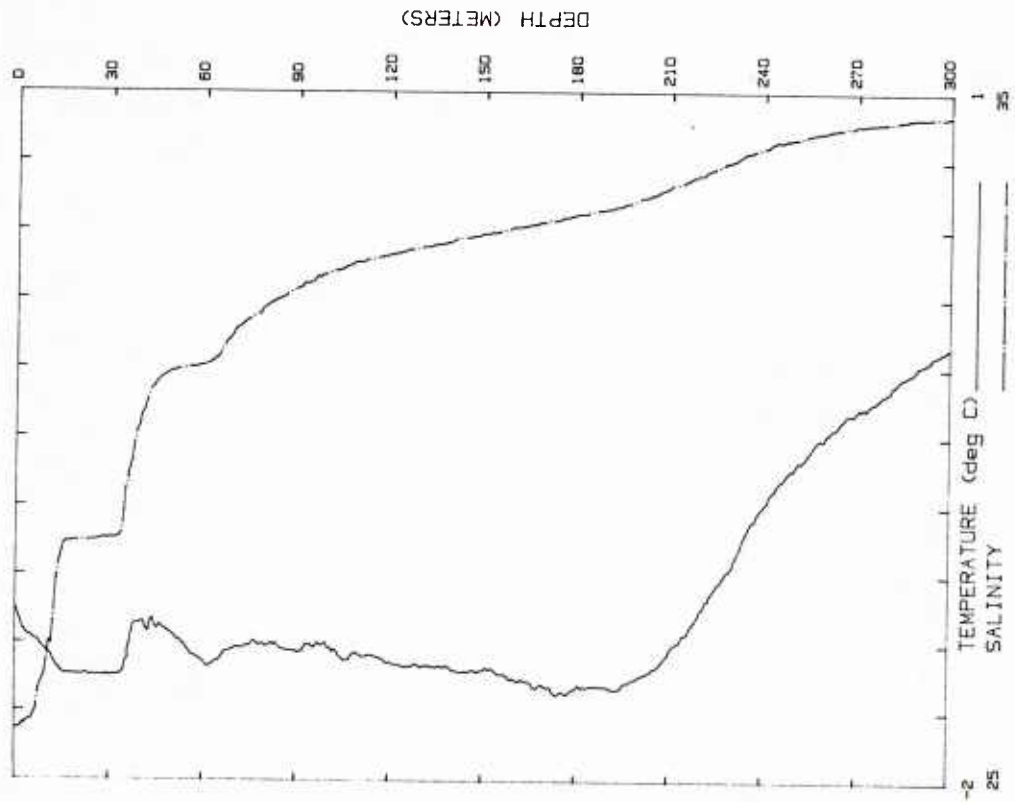
CAST# 11 DOWN  
 DATE: 84, 10, 13  
 TIME: 03, 14, 43  
 LAT: 72 31.5 N  
 LON: 144 37.9 W

# MIZPAC 84 CALCULATED SOUND SPEED



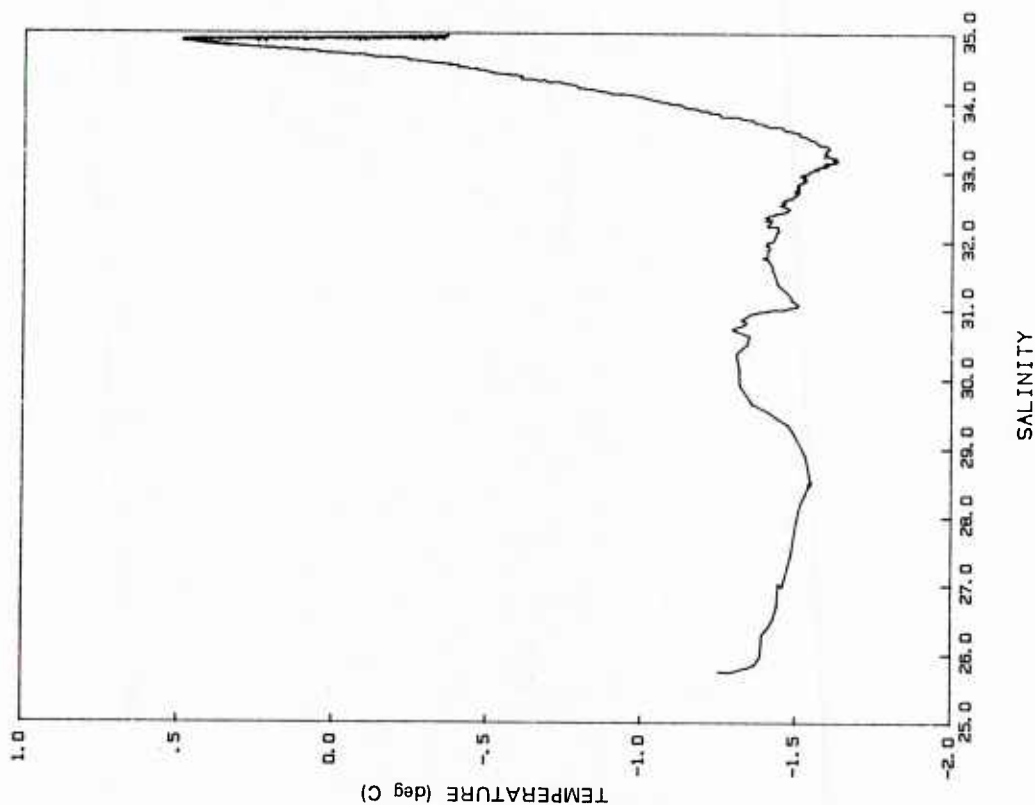
CAST# 11 DOWN  
 DATE: 84, 10, 13  
 TIME: 03, 14, 43  
 LAT: 72 31.5 N  
 LON: 144 37.9 W

# MIZPAC 84 CTD PROFILE



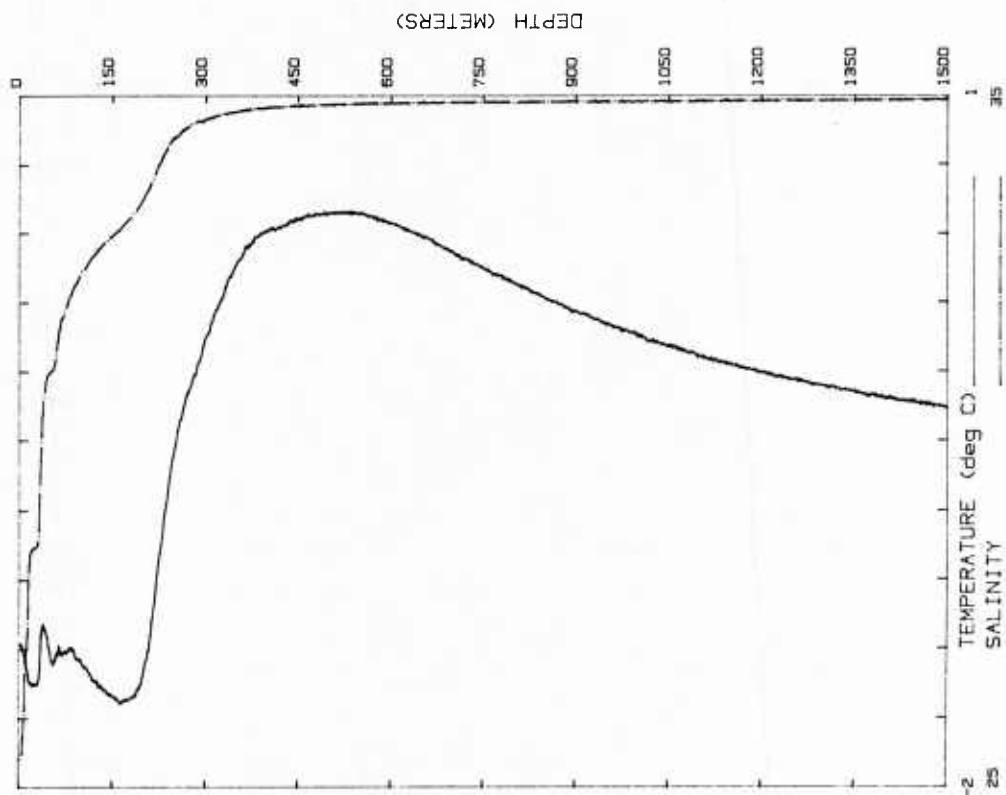
CAST# 11 DOWN  
DATE: 84/10/13  
TIME: 03:14.43  
LAT: 72 31.5 N  
LON: 144 37.8 W

# MIZPAC 84 TS CURVE



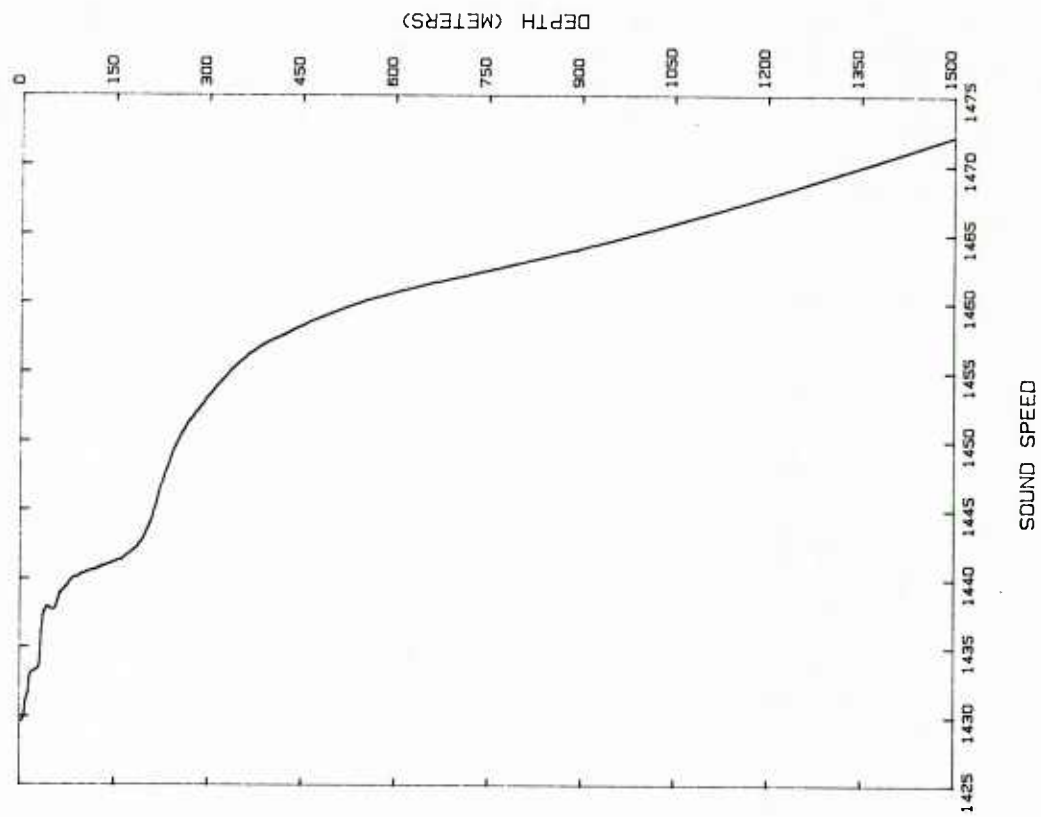
CAST# 12 UP  
DATE: 84/10/14  
TIME: 06:11.36  
LAT: 72 27.6 N  
LON: 144 32.8 W

# MIZPAC 84 CTD PROFILE



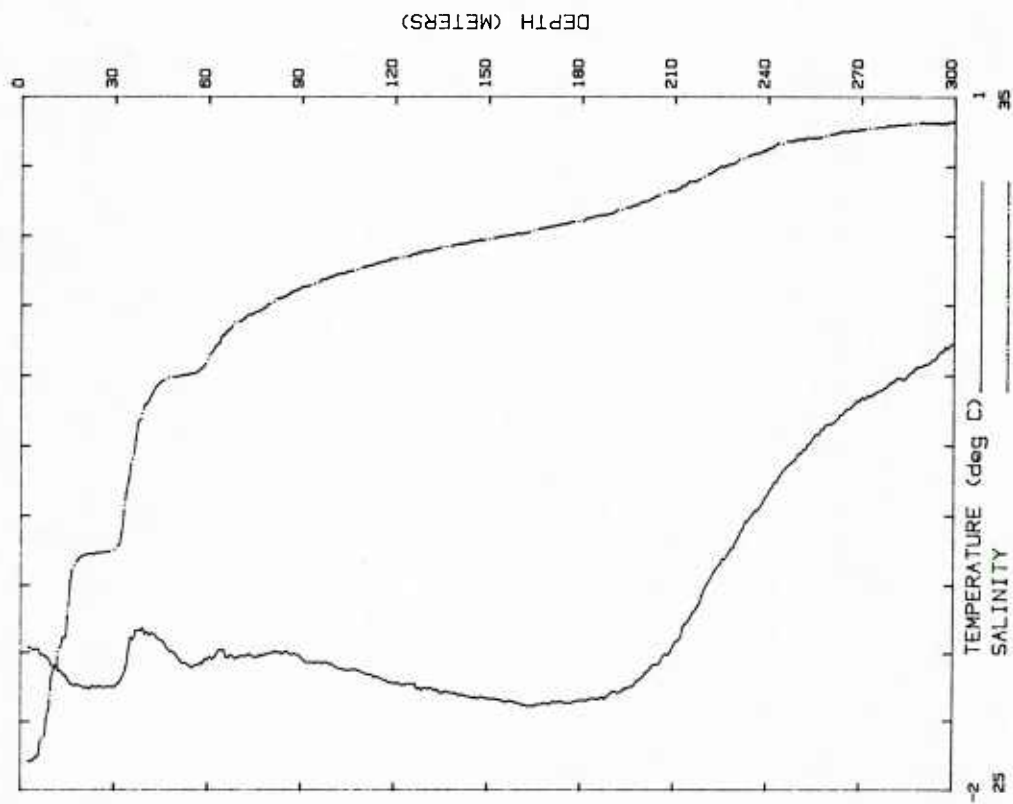
CAST# 12 UP  
 DATE: 84/10/14  
 TIME: 06:11:36  
 LAT: 72 27.8 N  
 LON: 144 32.8 W

# MIZPAC 84 CALCULATED SOUND SPEED



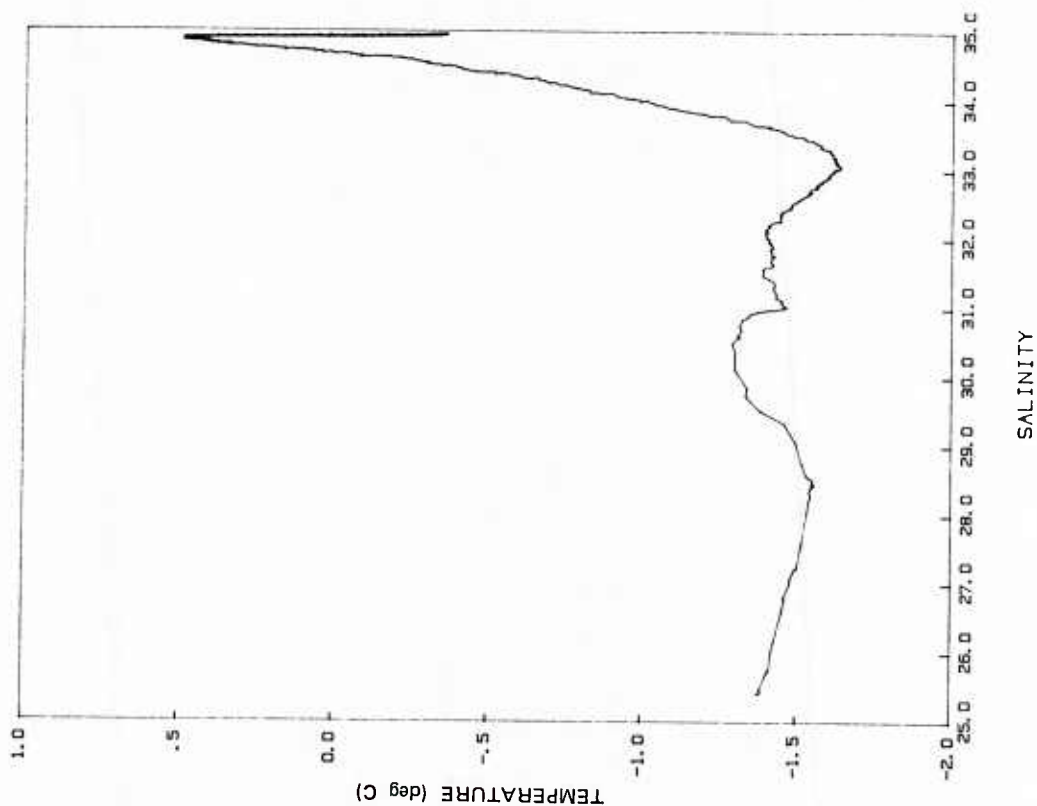
CAST# 12 UP  
 DATE: 84/10/14  
 TIME: 06:11:36  
 LAT: 72 27.8 N  
 LON: 144 32.8 W

# MIZPAC 84 CTD PROFILE



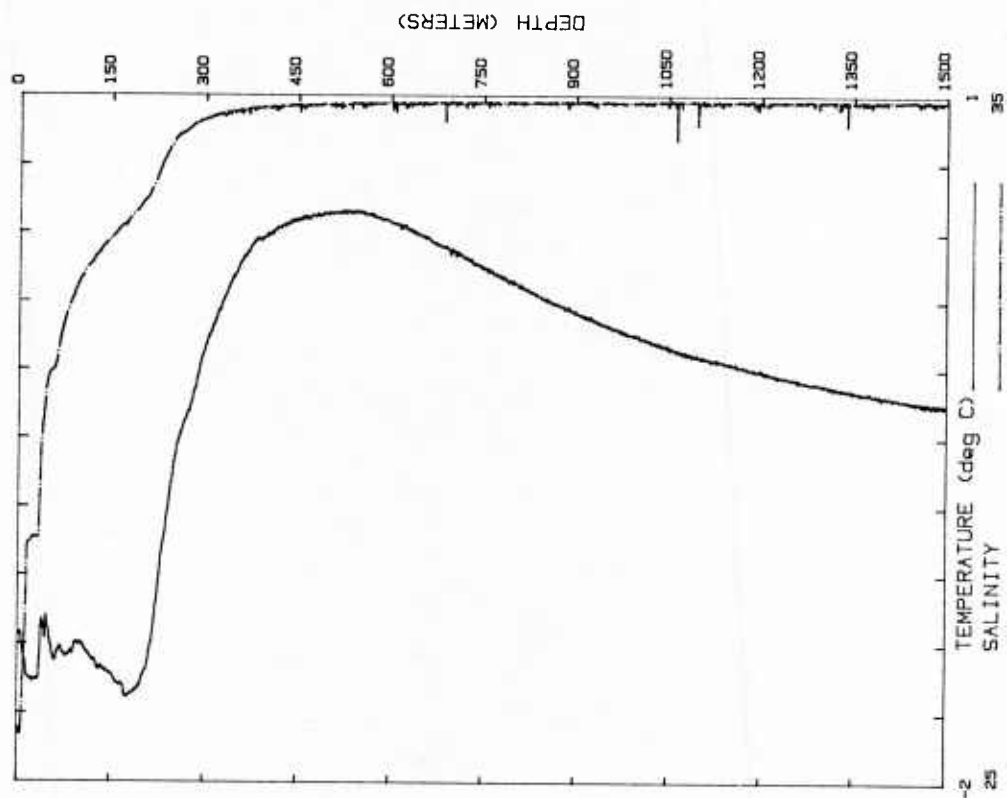
CAST# 12 UP  
DATE: 84/10/14  
TIME: 06:11:36  
LAT: 72 27.8 N  
LON: 144 32.8 W

# MIZPAC 84 TS CURVE



CAST# 13 DOWN  
DATE: 84/10/15  
TIME: 23:27:08  
LAT: 72 32.0 N  
LON: 144 37.9 W

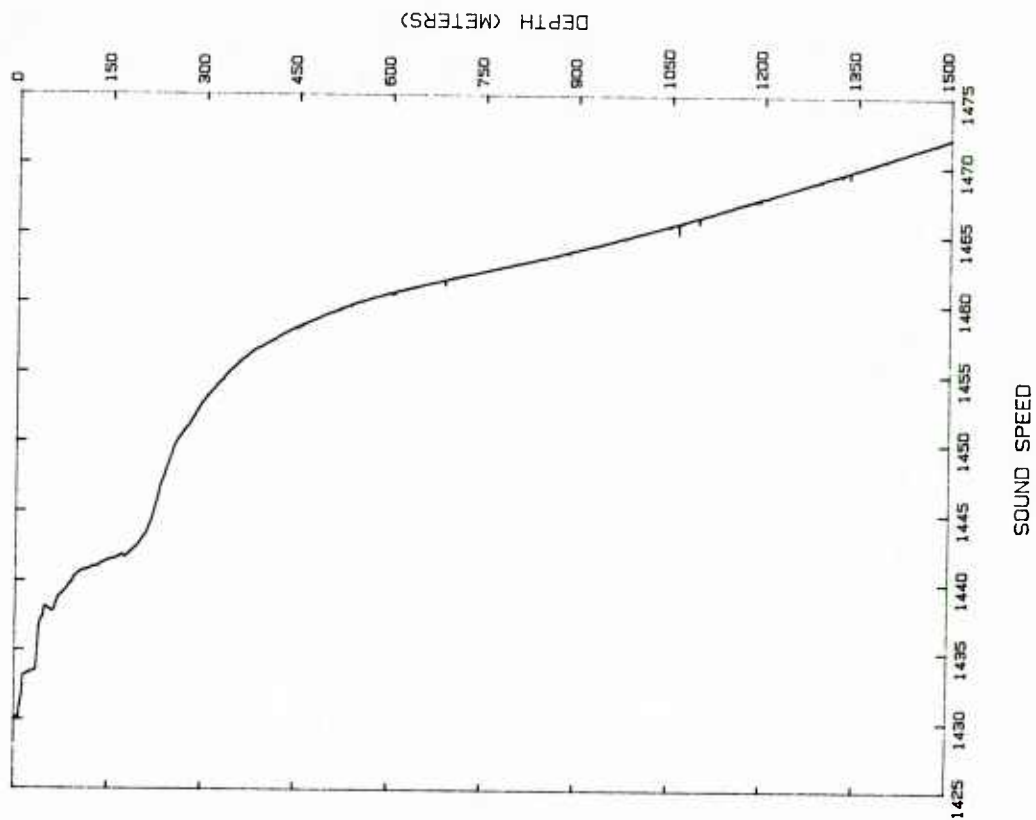
# MIZPAC 84 CTD PROFILE





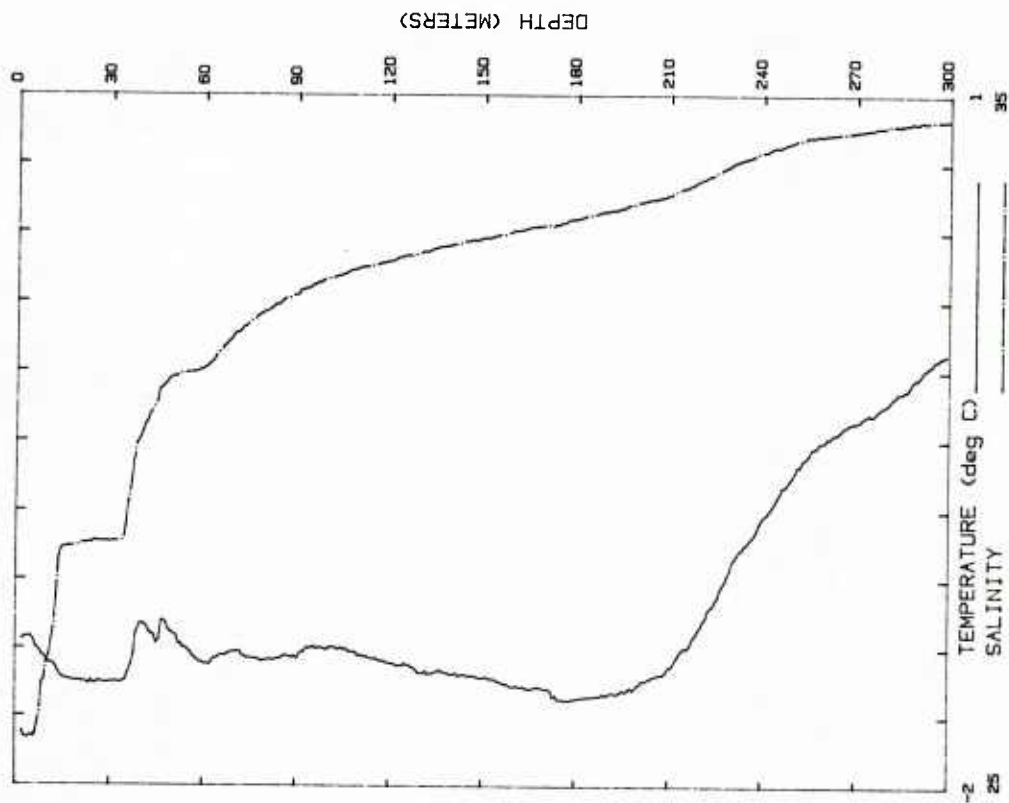
CAST# 13 DOWN  
 DATE: 84/10/15  
 TIME: 23:27:08  
 LAT: 72 32.0 N  
 LON: 144 37.9 W

# MIZPAC 84 CALCULATED SOUND SPEED



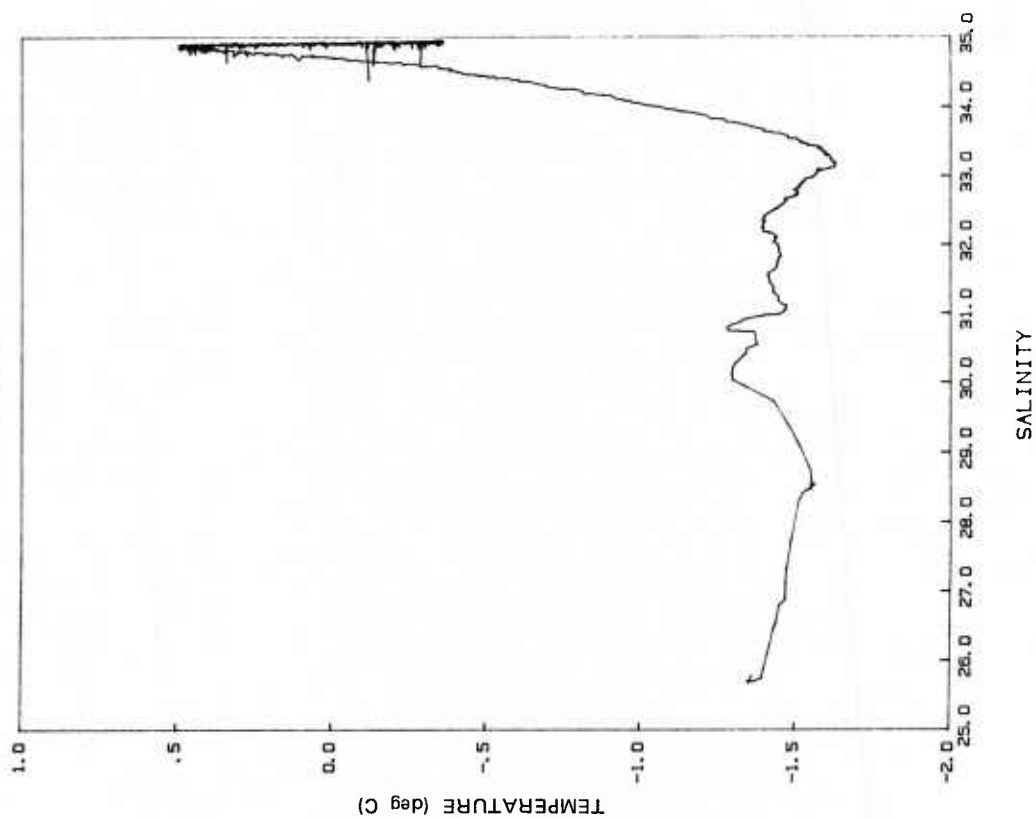
CAST# 13 DOWN  
 DATE: 84/10/15  
 TIME: 23:27:08  
 LAT: 72 32.0 N  
 LON: 144 37.9 W

# MIZPAC 84 CTD PROFILE



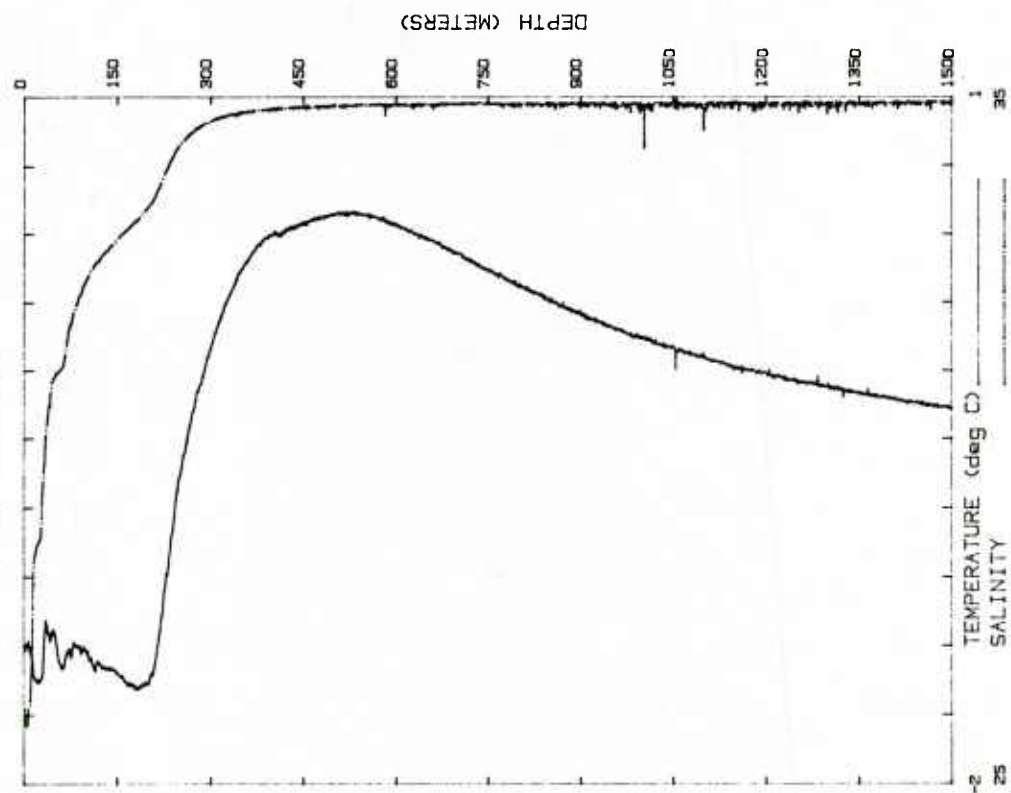
CAST# 13 DOWN  
DATE: 84/10/15  
TIME: 23:27.08  
LAT: 72 32.0 N  
LON: 144 37.9 W

# MIZPAC 84 TS CURVE



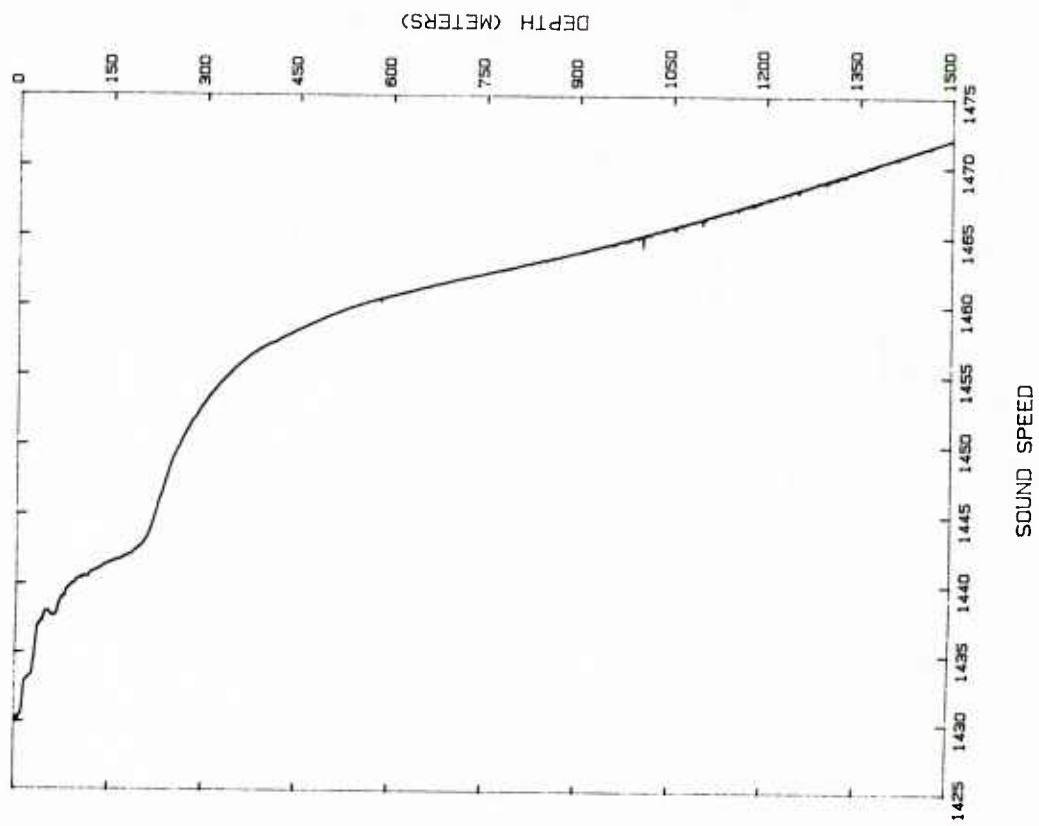
CAST# 14 DOWN  
DATE: 84/10/17  
TIME: 04:04.54  
LAT: 72 33.1 N  
LON: 144 28.6 W

# MIZPAC 84 CTD PROFILE



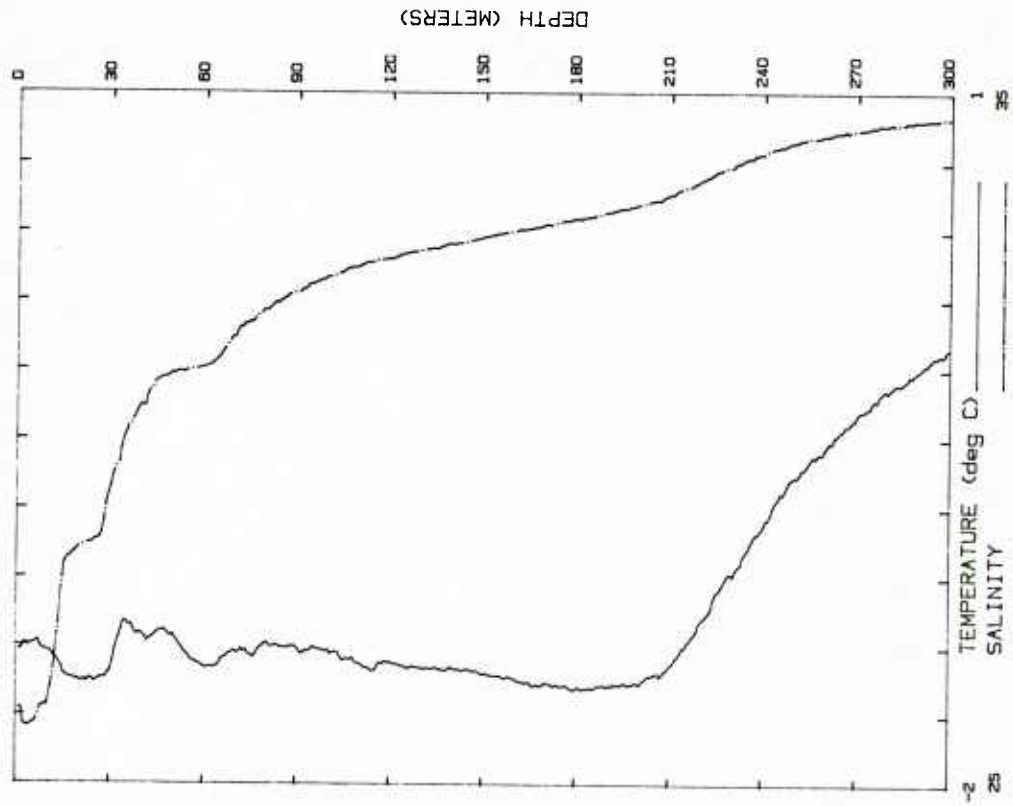
CAST# 14 DOWN  
DATE: 84/10/17  
TIME: 04:04:54  
LAT: 72 33.1 N  
LON: 144 28.6 W

### MIZPAC 84 CALCULATED SOUND SPEED



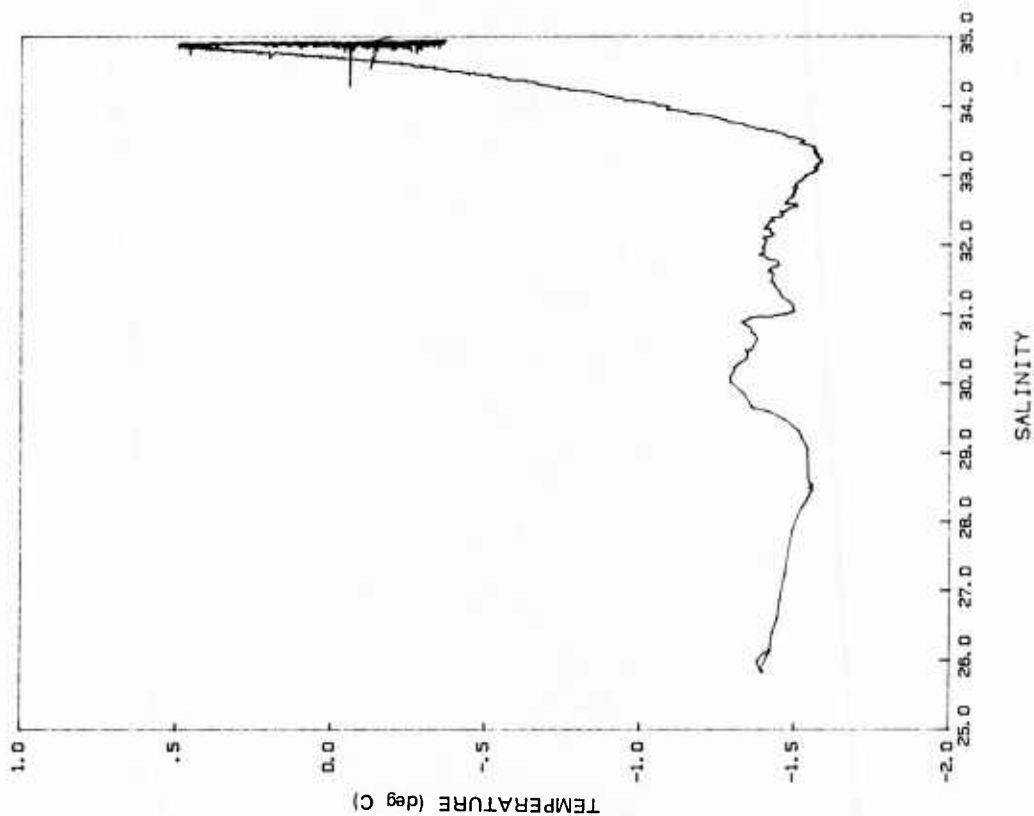
CAST# 14 DOWN  
DATE: 84/10/17  
TIME: 04:04:54  
LAT: 72 33.1 N  
LON: 144 28.6 W

### MIZPAC 84 CTD PROFILE



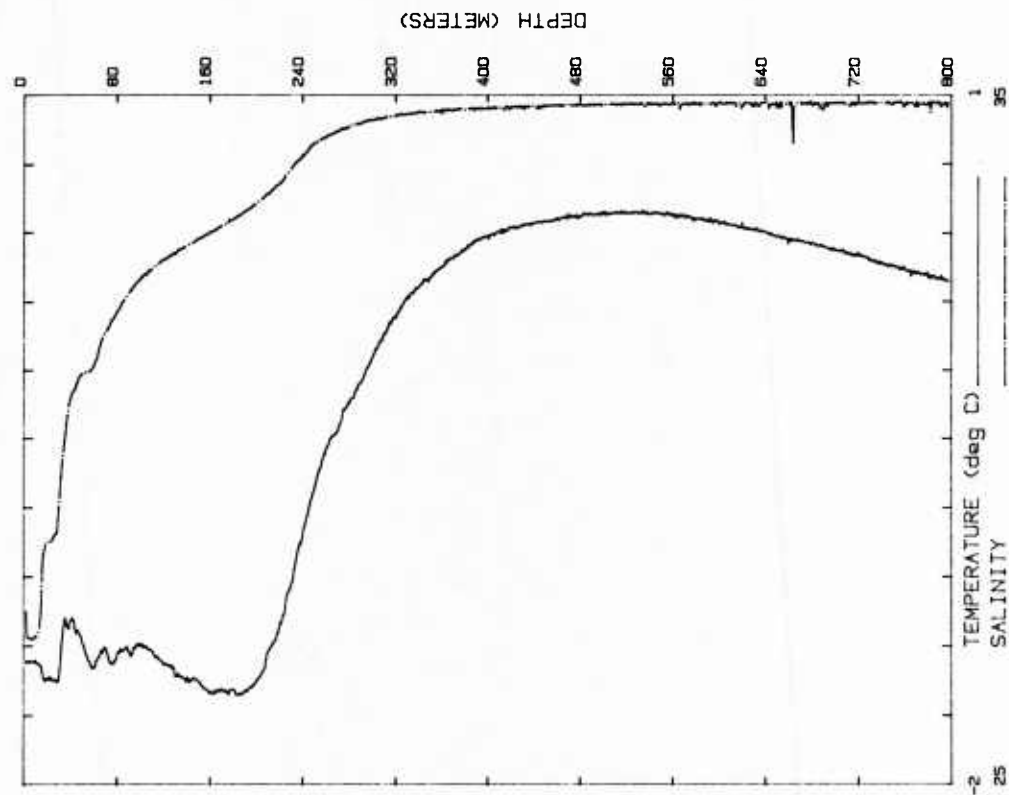
CAST# 14 DOWN  
 DATE: 84/10/17  
 TIME: 04:04:54  
 LAT: 72 33.1 N  
 LON: 144 28.6 W

# MIZPAC 84 TS CURVE



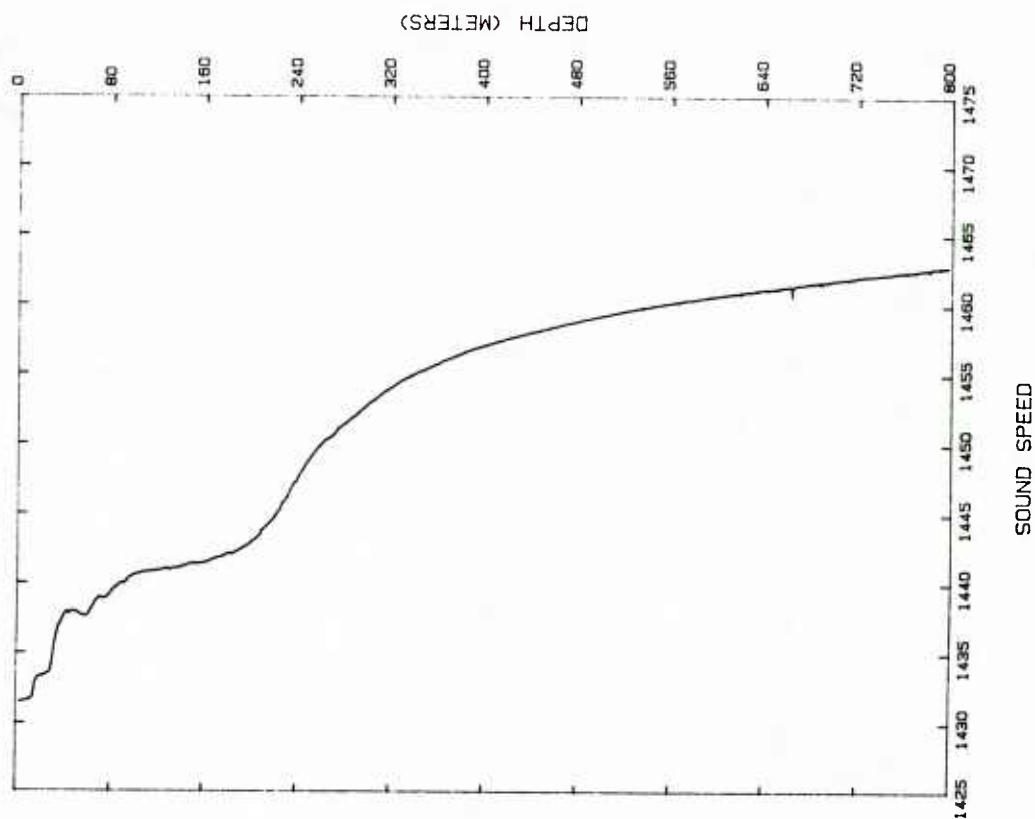
CAST# 15 DOWN  
 DATE: 84/10/18  
 TIME: 06:00:48  
 LAT: 72 33.3 N  
 LON: 143 51.2 W

# MIZPAC 84 CTD PROFILE



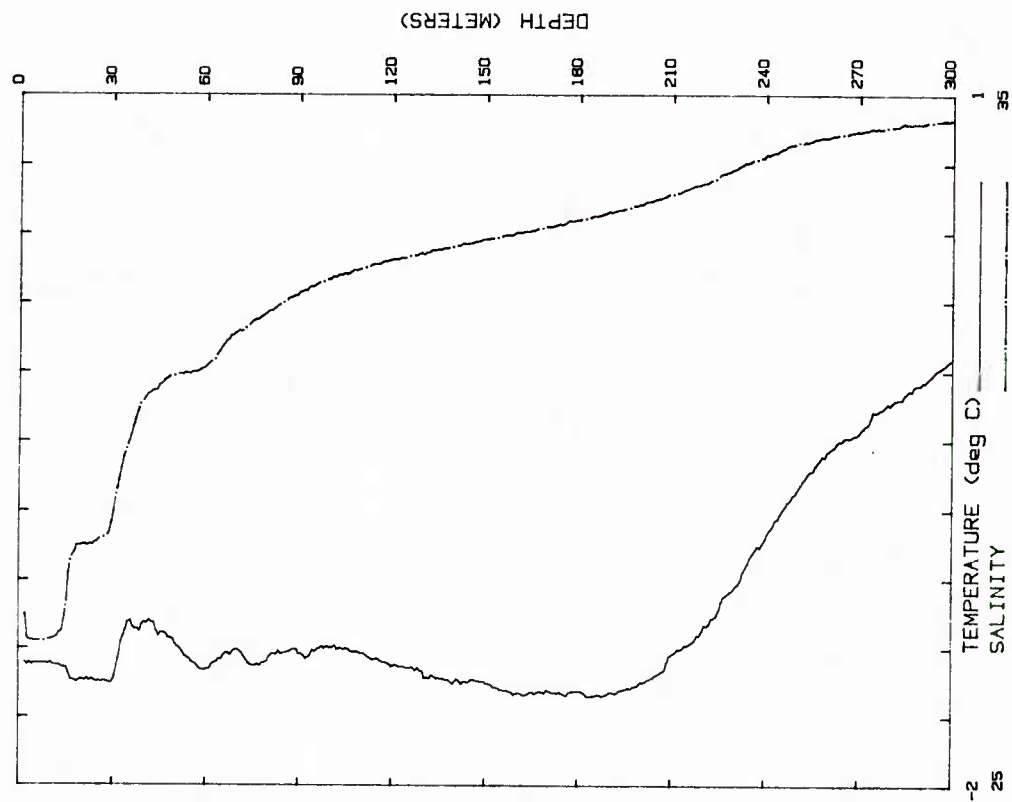
CAST# 15 DOWN  
DATE: 84/10/18  
TIME: 06:00.48  
LAT: 72 33.3 N  
LON: 143 51.2 W

# MIZPAC 84 CALCULATED SOUND SPEED



CAST# 15 DOWN  
DATE: 84/10/18  
TIME: 06:00.48  
LAT: 72 33.3 N  
LON: 143 51.2 W

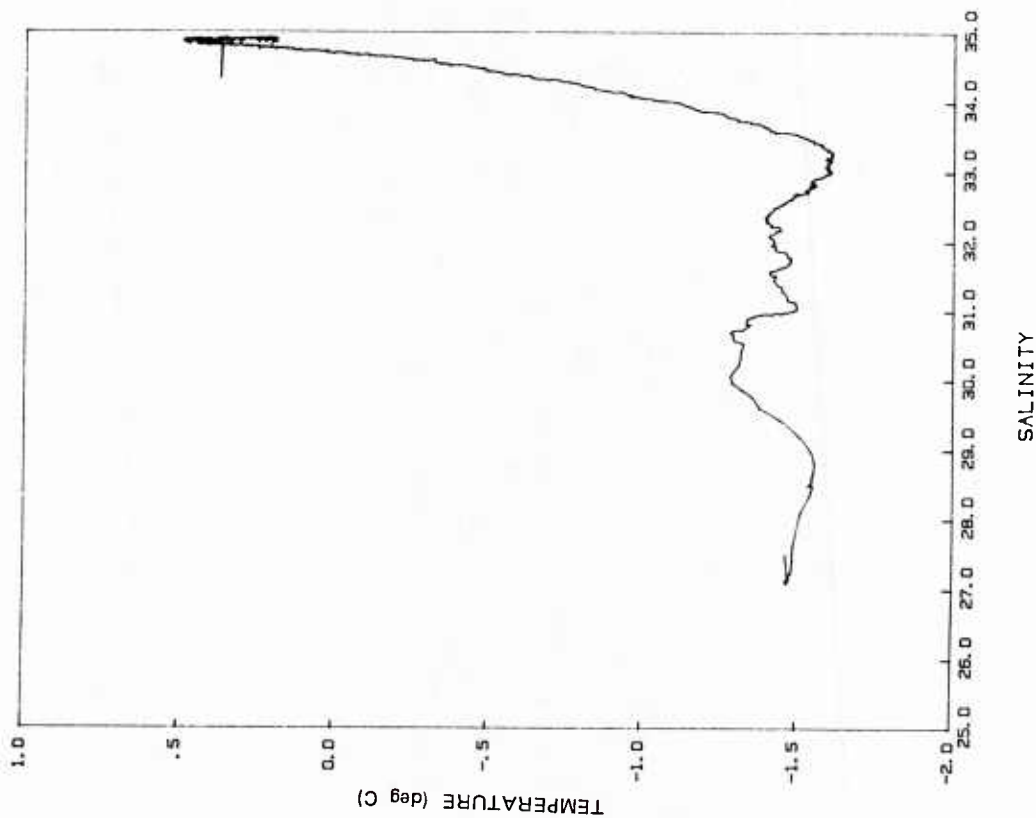
# MIZPAC 84 CTD PROFILE





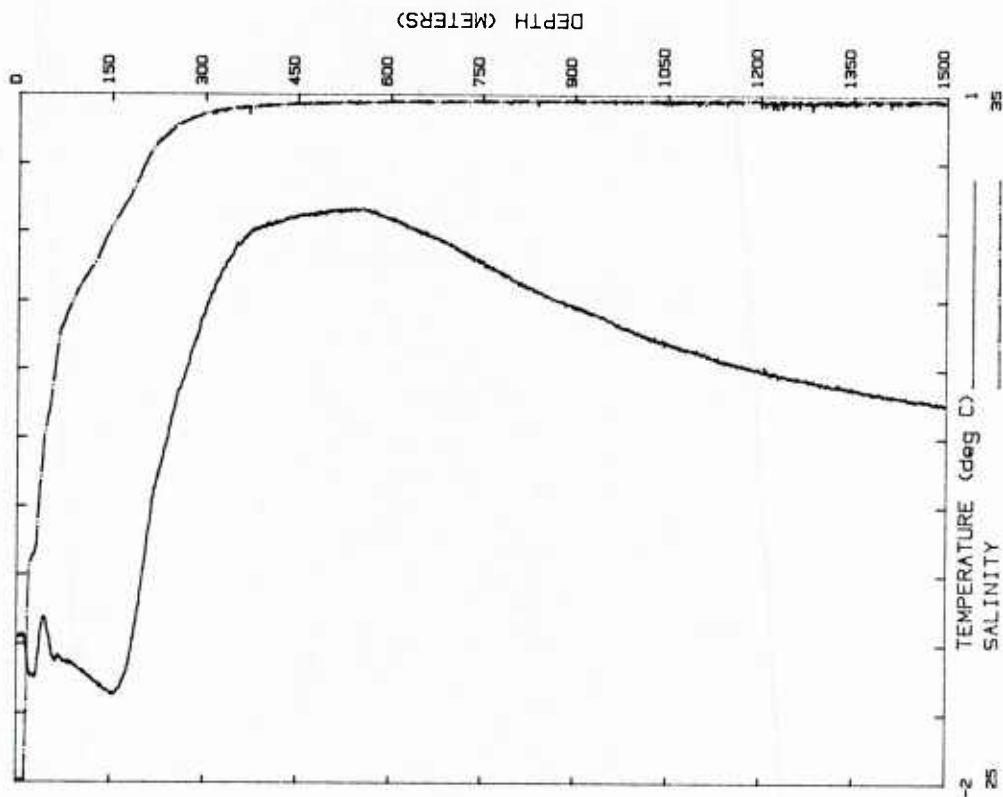
CAST# 15 DOWN  
 DATE: 84/10/18  
 TIME: 06:00.48  
 LAT: 72 33.3 N  
 LON: 143 51.2 E

# MIZPAC 84 TS CURVE



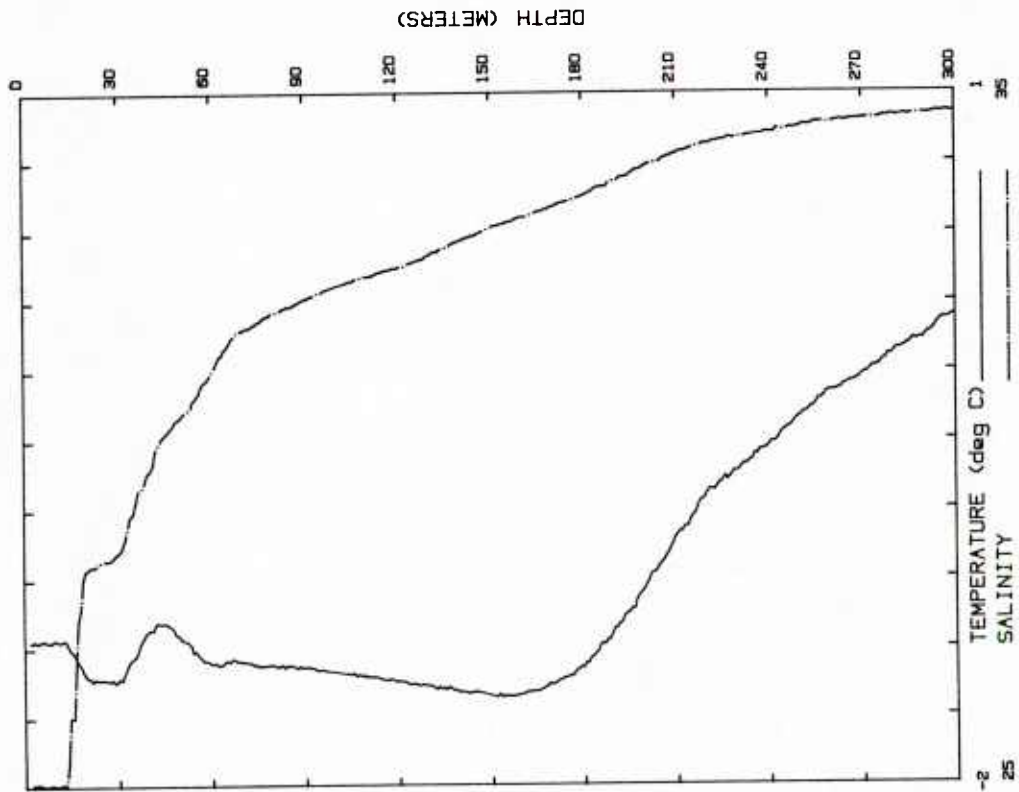
CAST# 16 DOWN  
 DATE: 84/10/20  
 TIME: 04:15.32  
 LAT: 72 20.9 N  
 LON: 143 32.5 E

# MIZPAC 84 CTD PROFILE



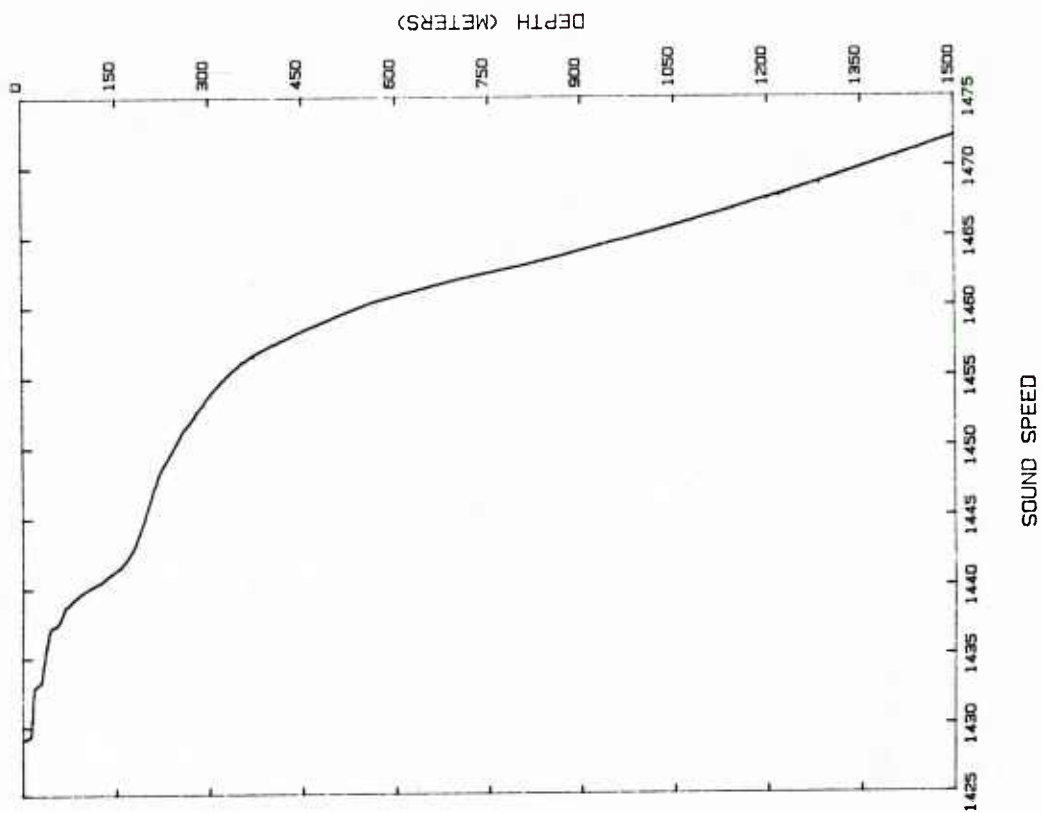
CAST# 16 DOWN  
DATE: 84/10/20  
TIME: 04:15:32  
LAT: 72 20.9 N  
LON: 143 32.5 W

### MIZPAC 84 CTD PROFILE



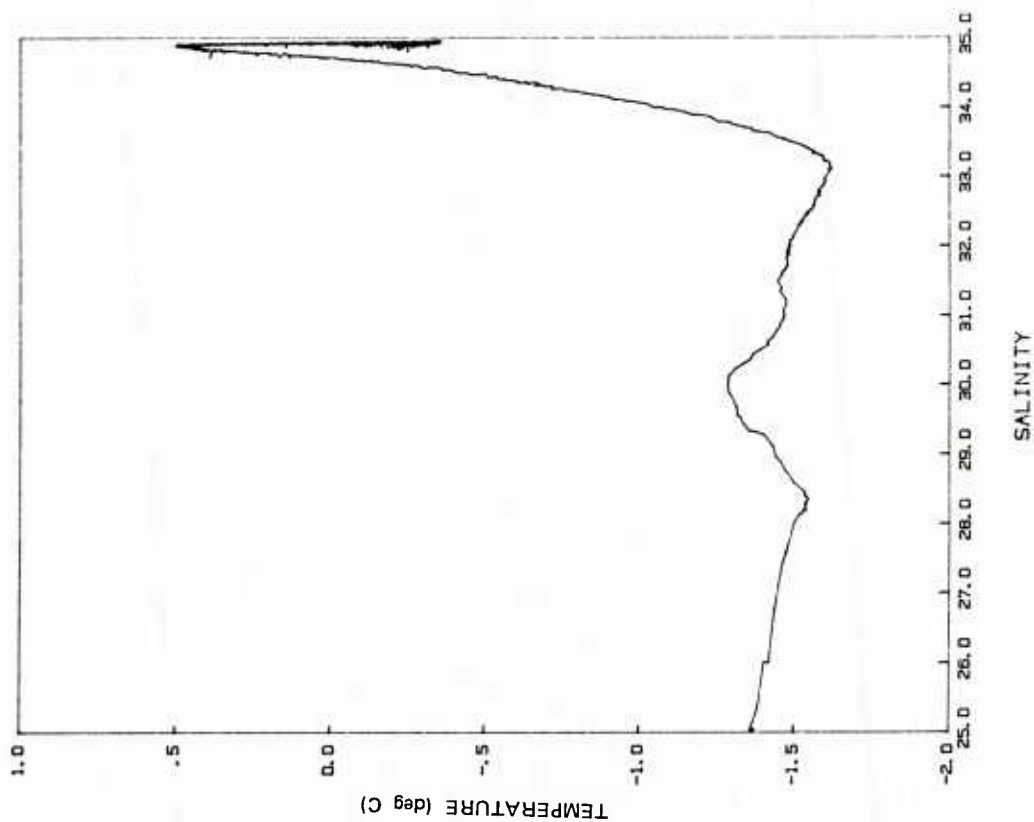
CAST# 16 DOWN  
DATE: 84/10/20  
TIME: 04:15:32  
LAT: 72 20.9 N  
LON: 143 32.5 W

### MIZPAC 84 CALCULATED SOUND SPEED



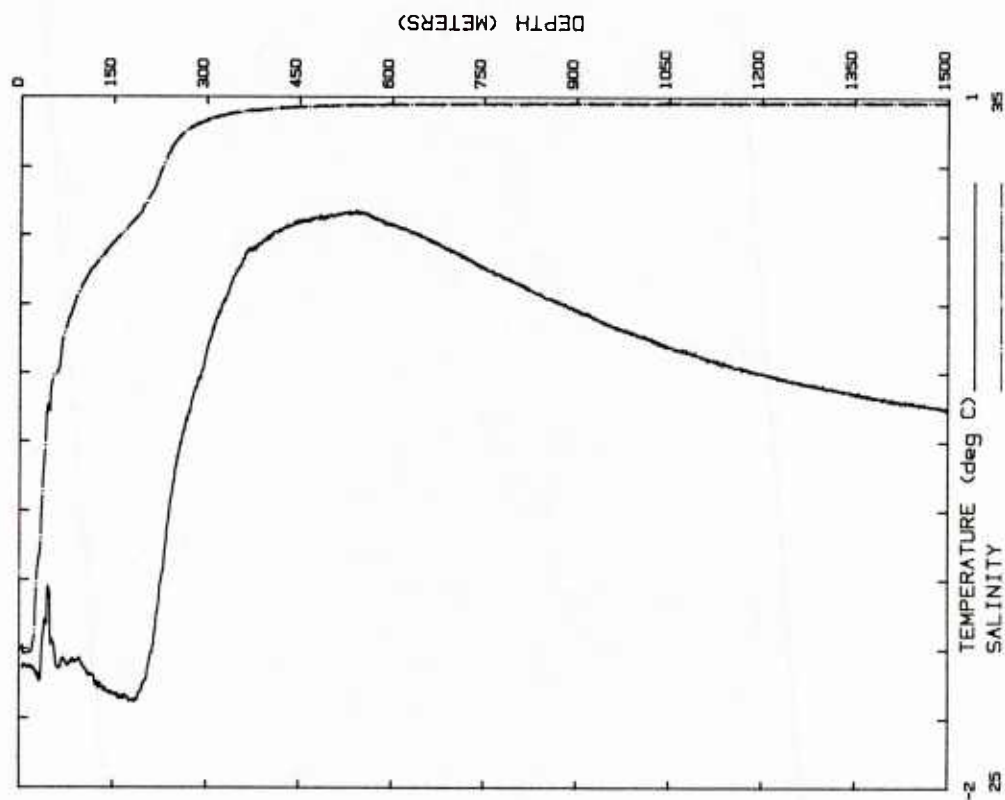
CAST# 16 DOWN  
DATE: 84/10/31  
TIME: 04:15:32  
LAT: 72 20.9 N  
LON: 143 32.5 W

# MIZPAC 84 TS CURVE



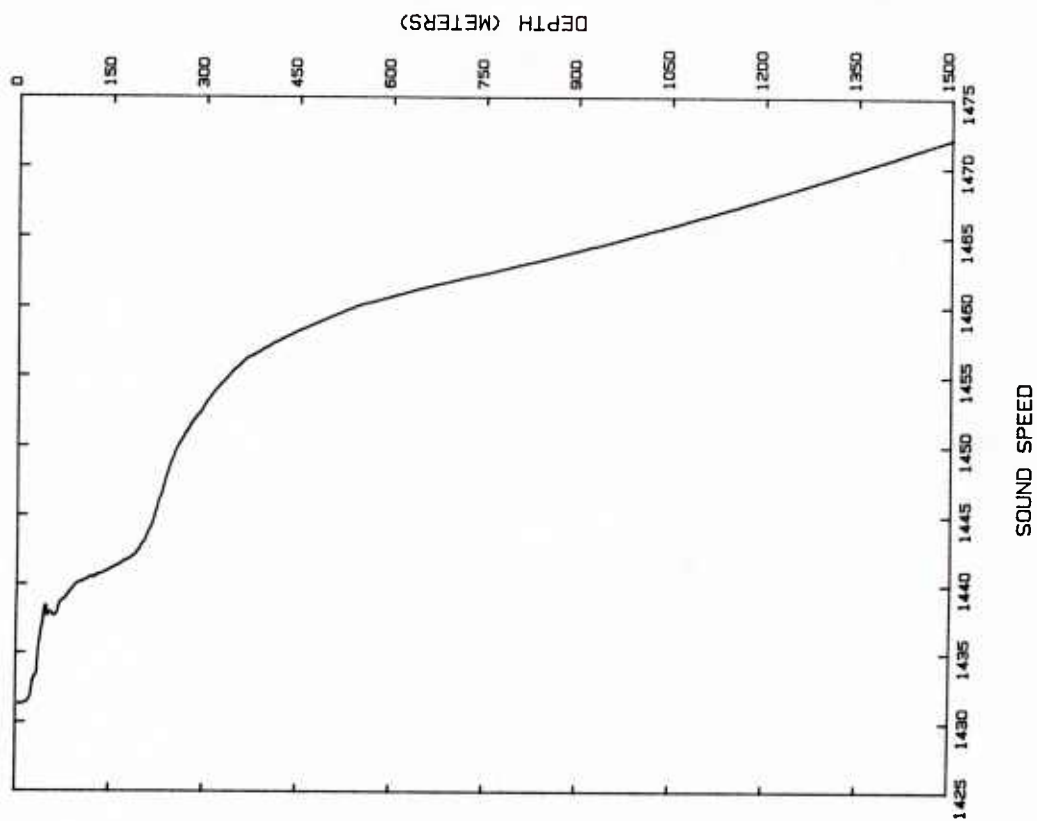
CAST# 17 DOWN  
DATE: 84/10/31  
TIME: 04:27:16  
LAT: 72 18.9 N  
LON: 145 08.8 W

# MIZPAC 84 CTD PROFILE



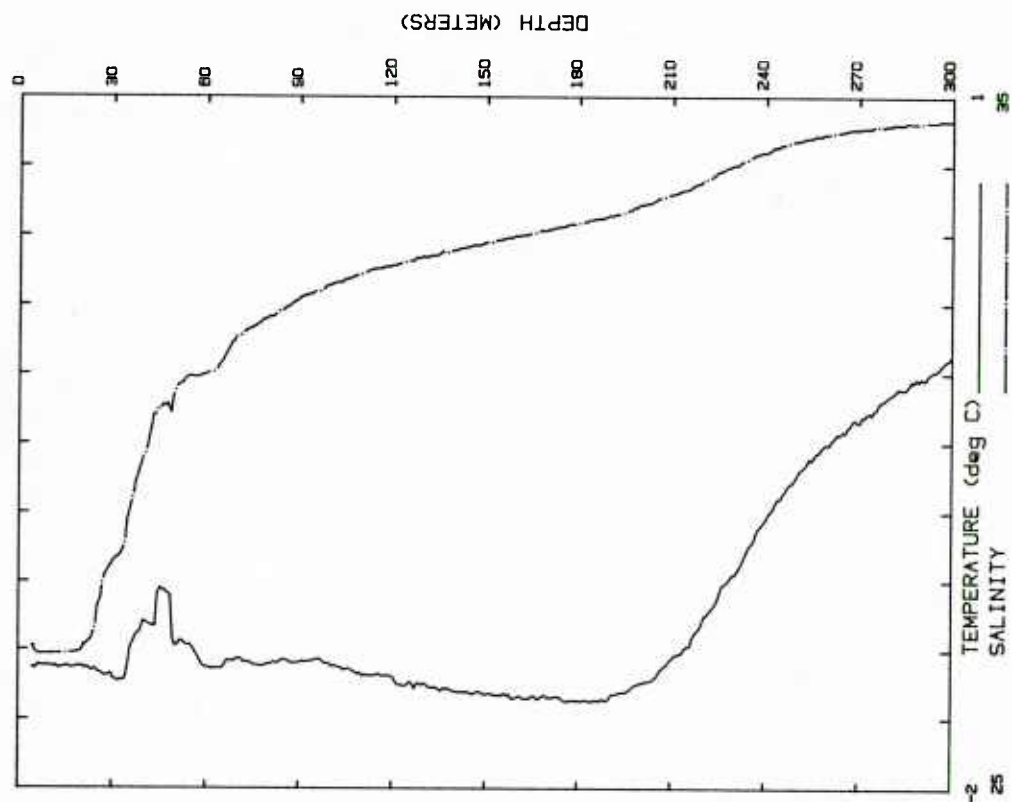
CAST# 17 DOWN  
 DATE, 84/10/31  
 TIME, 00:27.16  
 LAT, 72 18.9 N  
 LON, 145 08.8 W

# MIZPAC 84 CALCULATED SOUND SPEED



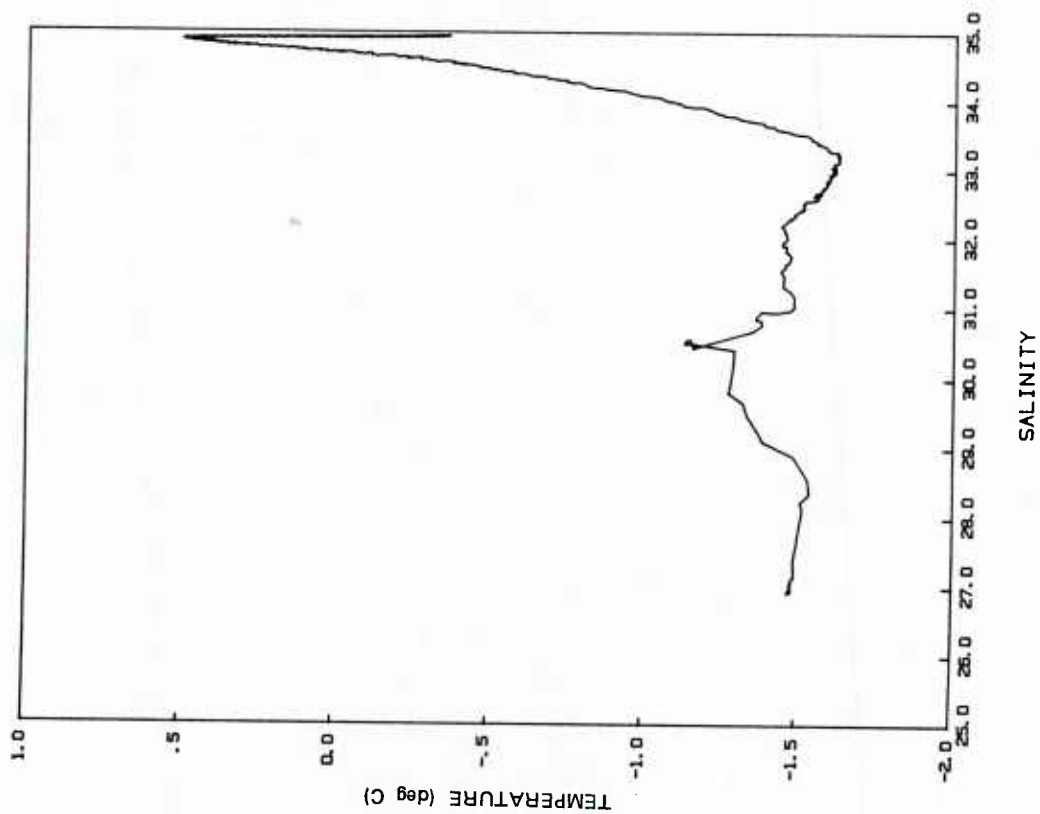
CAST# 17 DOWN  
 DATE, 84/10/31  
 TIME, 00:27.16  
 LAT, 72 18.9 N  
 LON, 145 08.8 W

# MIZPAC 84 CTD PROFILE



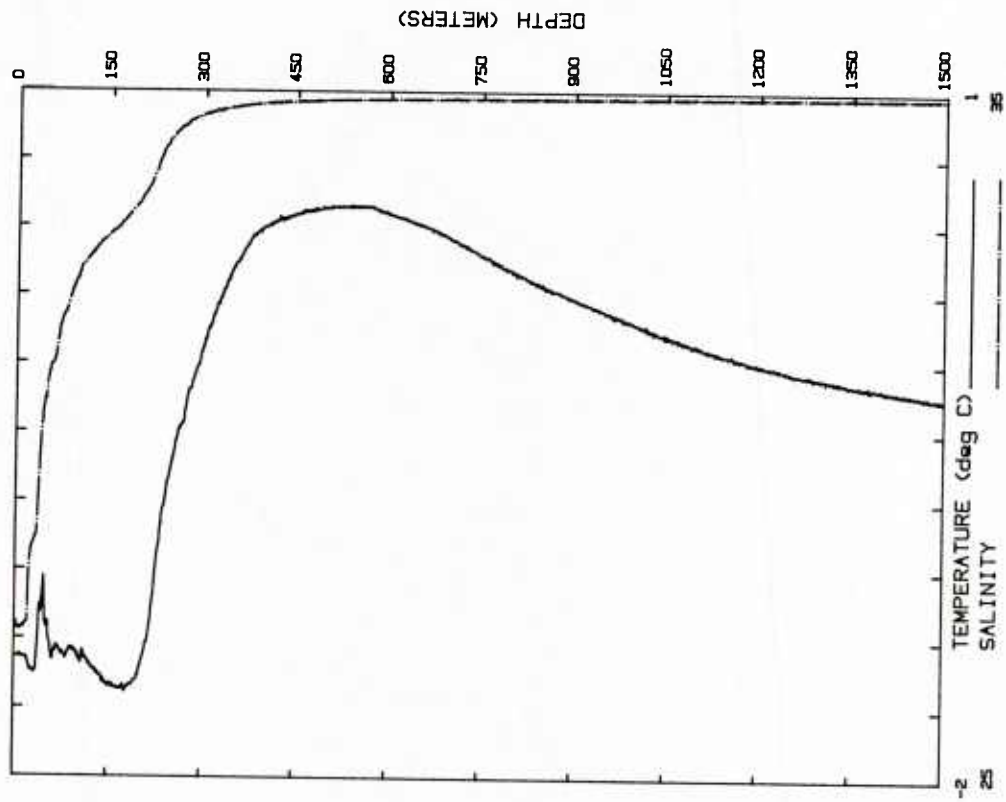
CAST# 17 DOWN  
DATE: 84/10/31  
TIME: 00:27.15  
LAT: 72 18.9 N  
LON: 145 08.8 W

# MIZPAC 84 TS CURVE



CAST# 18 DOWN  
DATE: 84/11/01  
TIME: 03:40.18  
LAT: 72 21.8 N  
LON: 145 01.4 W

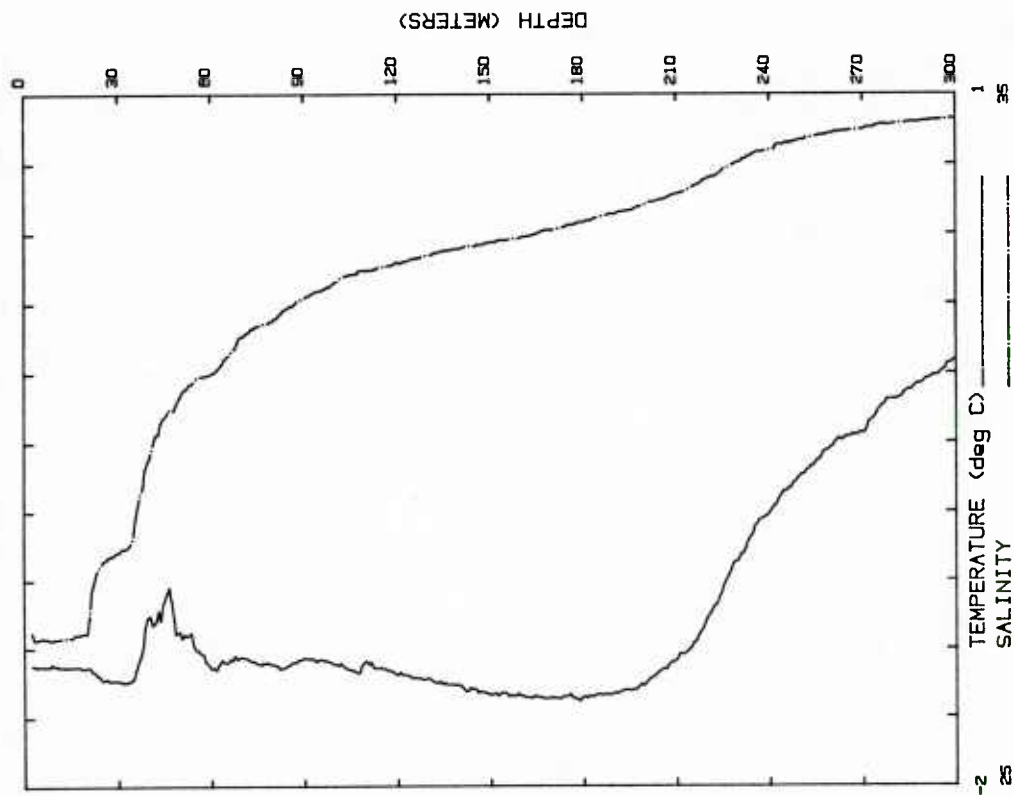
# MIZPAC 84 CTD PROFILE





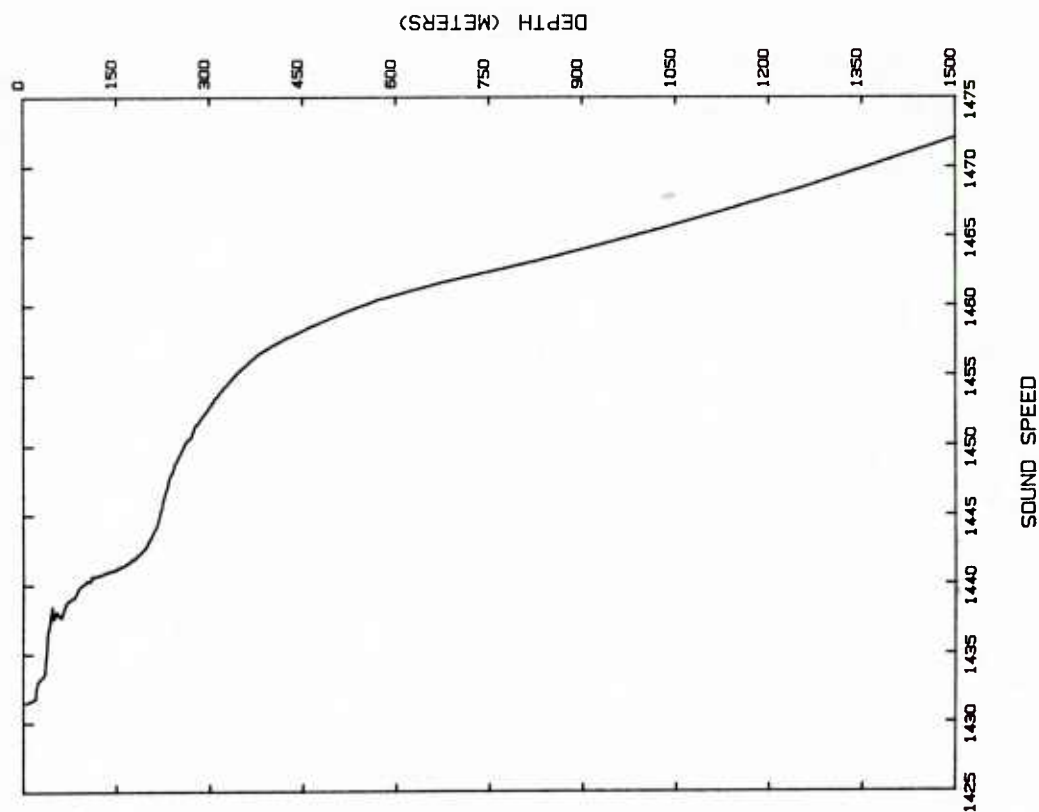
CAST# 18 DOWN  
DATE: 84/11/01  
TIME: 03:40:16  
LAT: 72 21.6 N  
LON: 145 01.4 W

# MIZPAC 84 CTD PROFILE



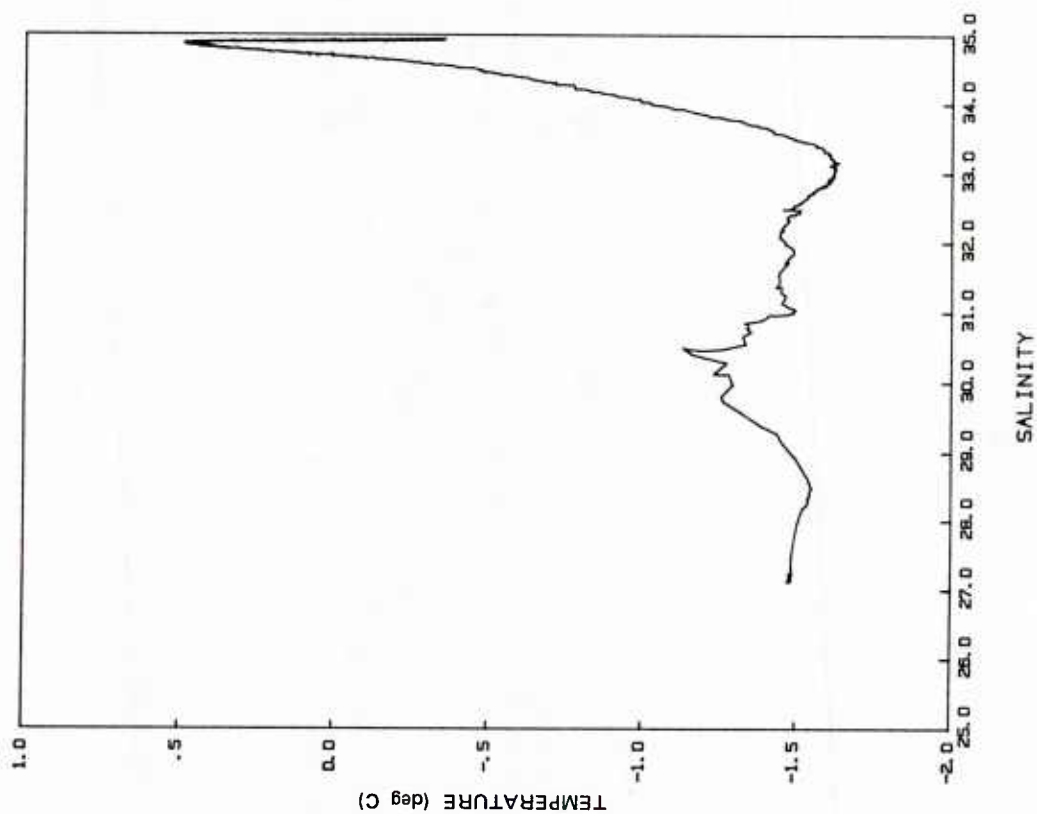
CAST# 18 DOWN  
DATE: 84/11/01  
TIME: 03:40:16  
LAT: 72 21.6 N  
LON: 145 01.4 W

# MIZPAC 84 CALCULATED SOUND SPEED



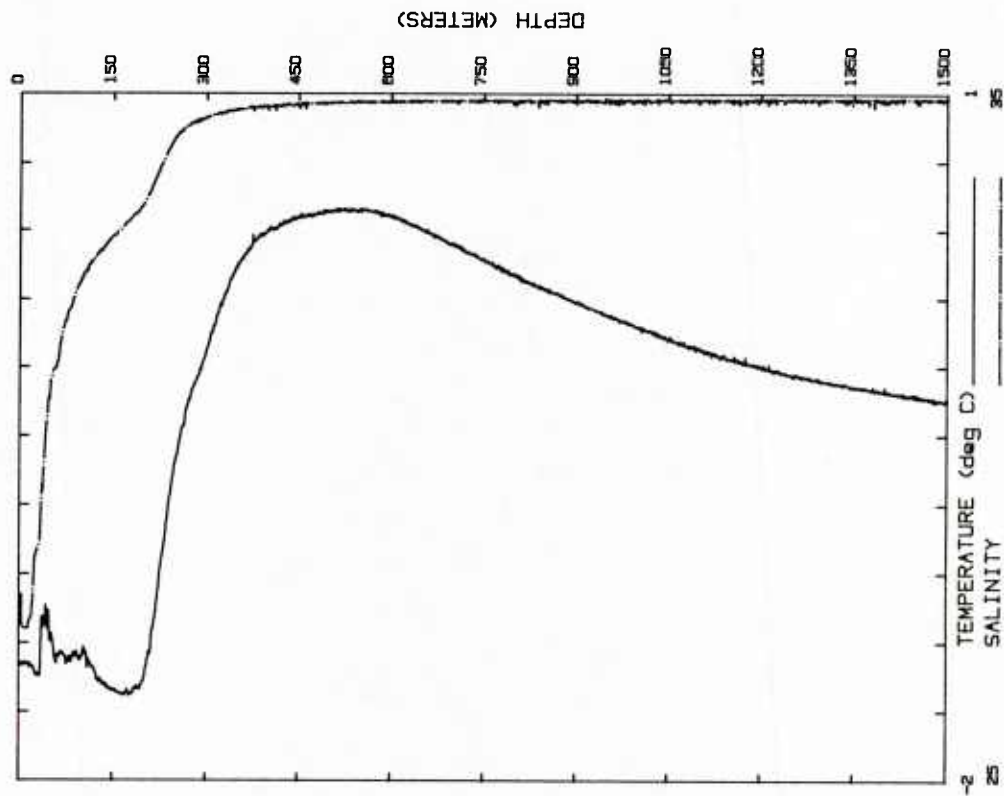
CAST# 18 DOWN  
 DATE: 84/11/01  
 TIME: 03:40:18  
 LAT: 72 21.6 N  
 LON: 145 01.4 W

# MIZPAC 84 TS CURVE



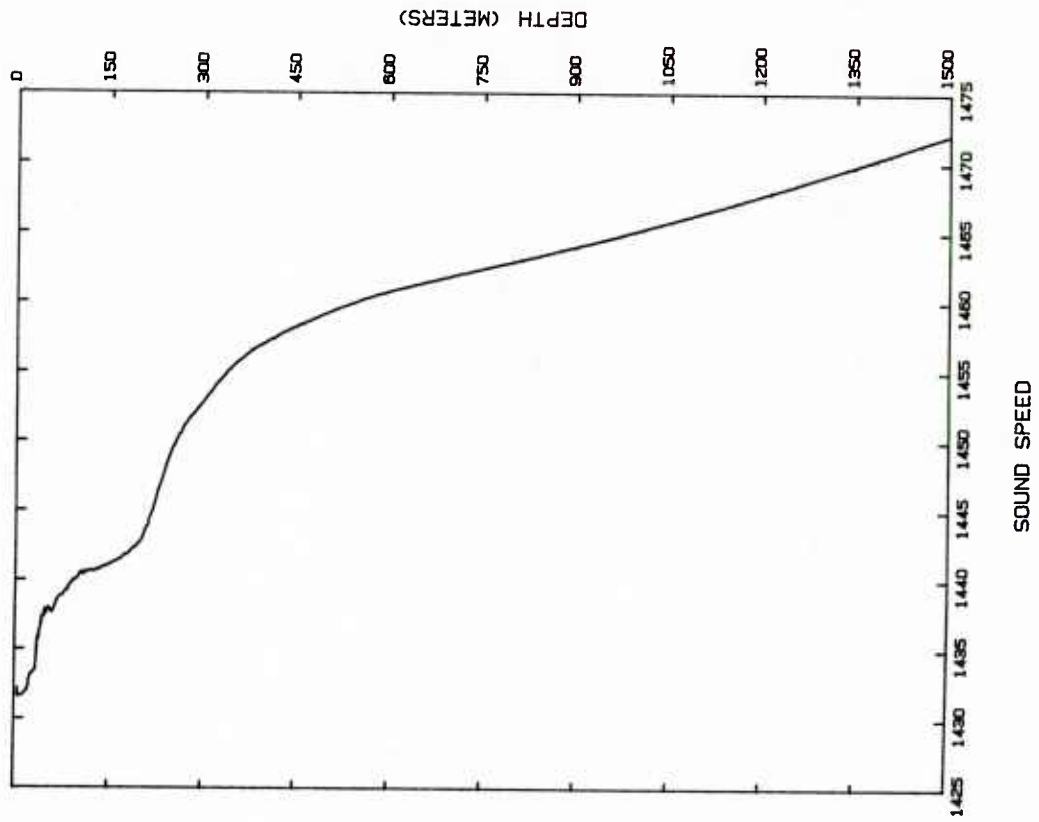
CAST# 18 DOWN  
 DATE: 84/11/01  
 TIME: 21:20:41  
 LAT: 72 22.2 N  
 LON: 145 02.95 W

# MIZPAC 84 CTD PROFILE



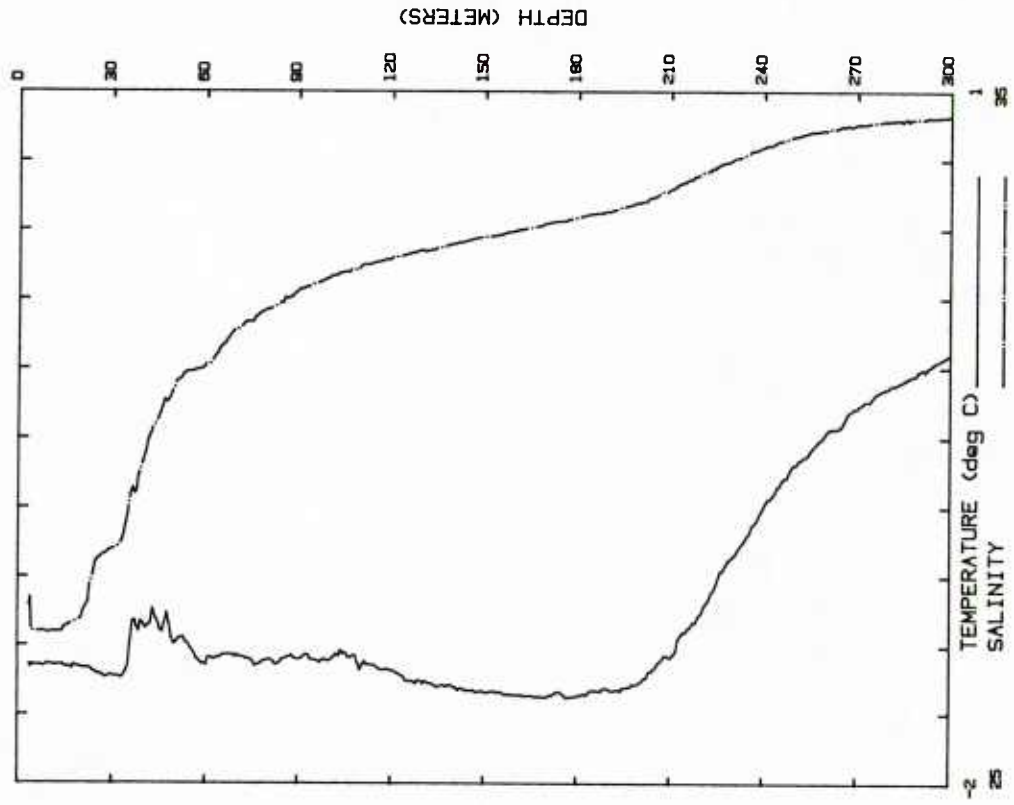
CAST# 19 DOWN  
DATE: 84/11/01  
TIME: 21:20.41  
LAT: 72 22.2 N  
LON: 145 02.95 W

# MIZPAC 84 CALCULATED SOUND SPEED



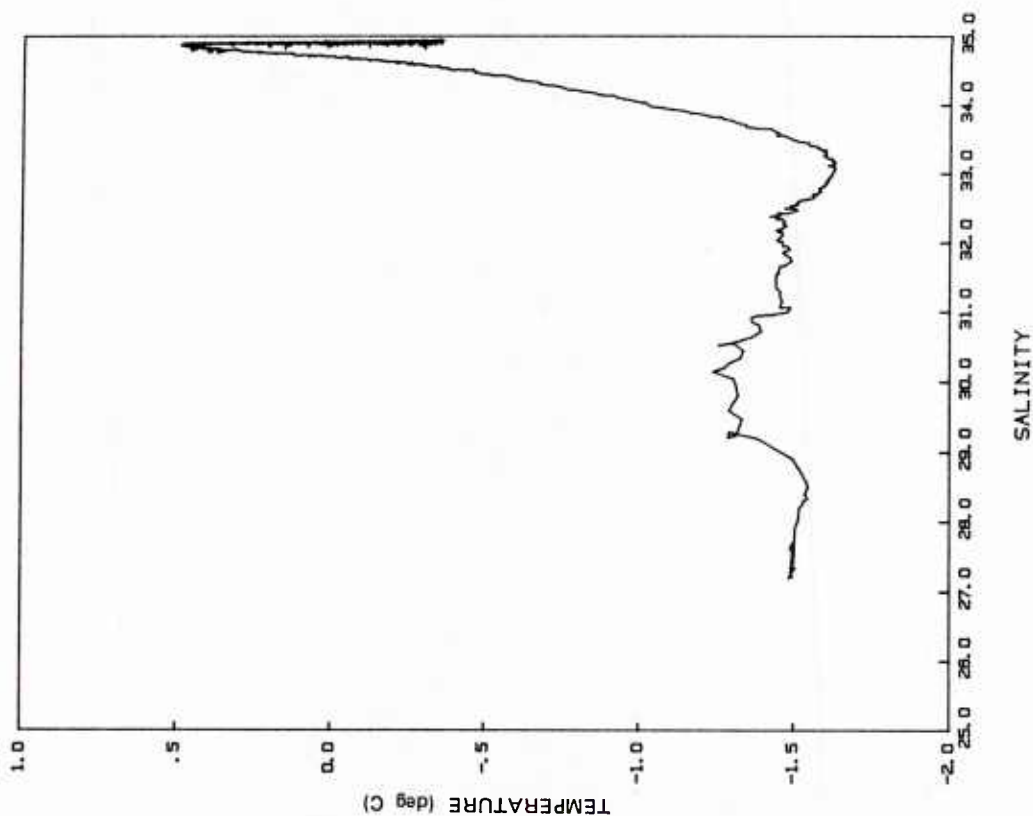
CAST# 19 DOWN  
DATE: 84/11/01  
TIME: 21:20.41  
LAT: 72 22.2 N  
LON: 145 02.95 W

# MIZPAC 84 CTD PROFILE



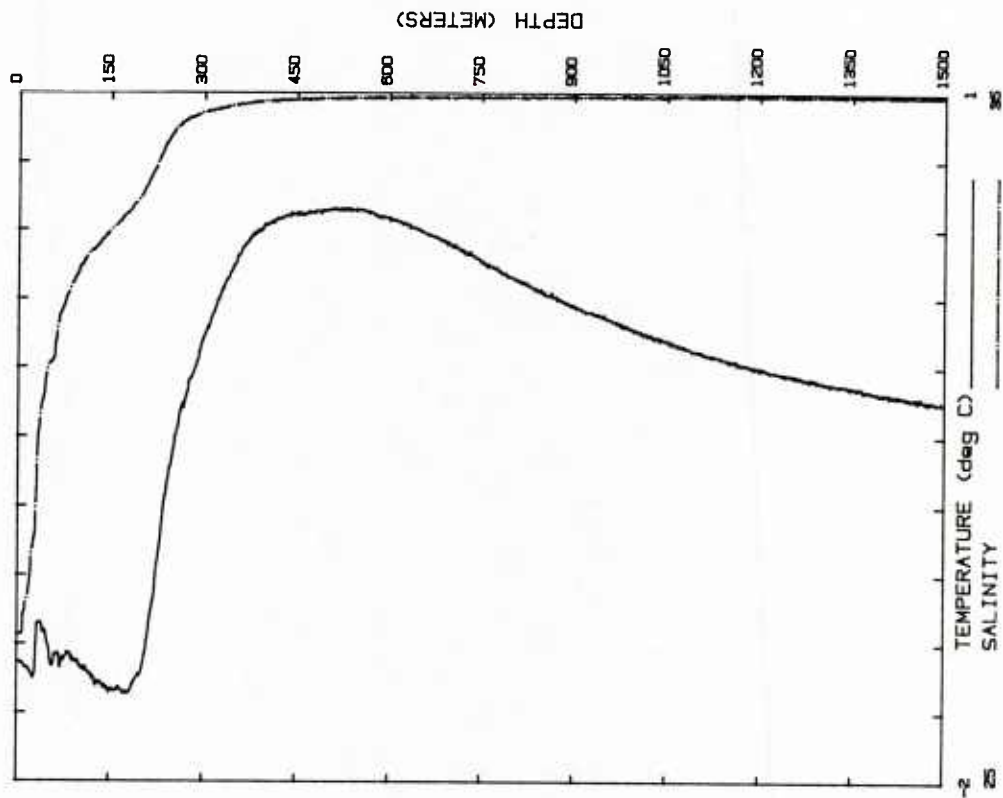
CAST# 18 DOWN  
DATE: 84/11/01  
TIME: 21:20:41  
LAT: 72 22.2 N  
LON: 145 02.95 W

# MIZPAC 84 TS CURVE



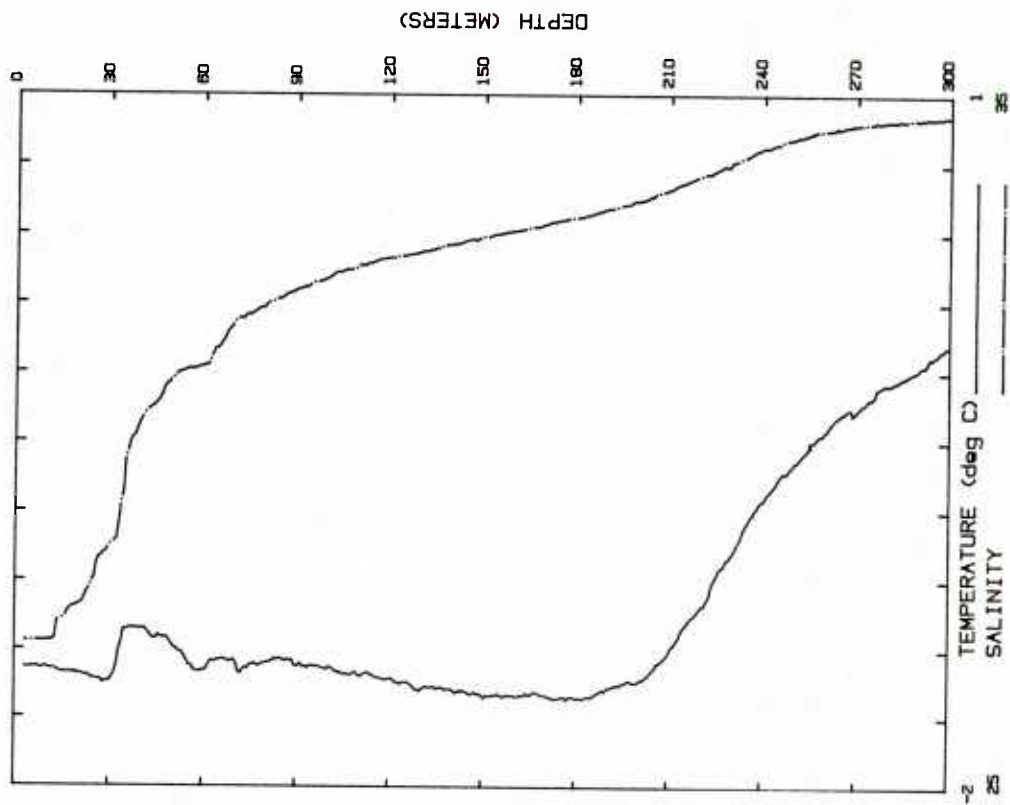
CAST# 20 UP  
DATE: 84/11/02  
TIME: 18:27:27  
LAT: 72 20.5 N  
LON: 145 13.0 W

# MIZPAC 84 CTD PROFILE



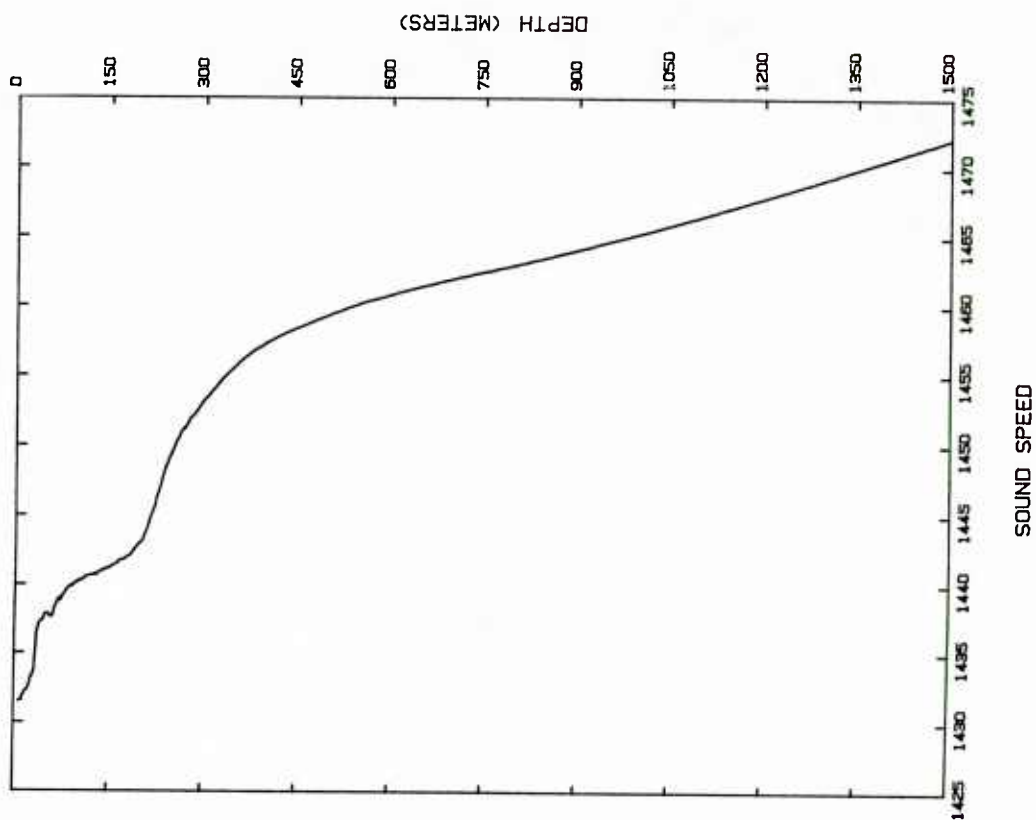
CAST# 20 UP  
 DATE: 84/11/02  
 TIME: 18:27:27  
 LAT: 72 20.5 N  
 LON: 145 13.0 W

# MIZPAC 84 CTD PROFILE



CAST# 20 UP  
 DATE: 84/11/02  
 TIME: 18:27:27  
 LAT: 72 20.5 N  
 LON: 145 13.0 W

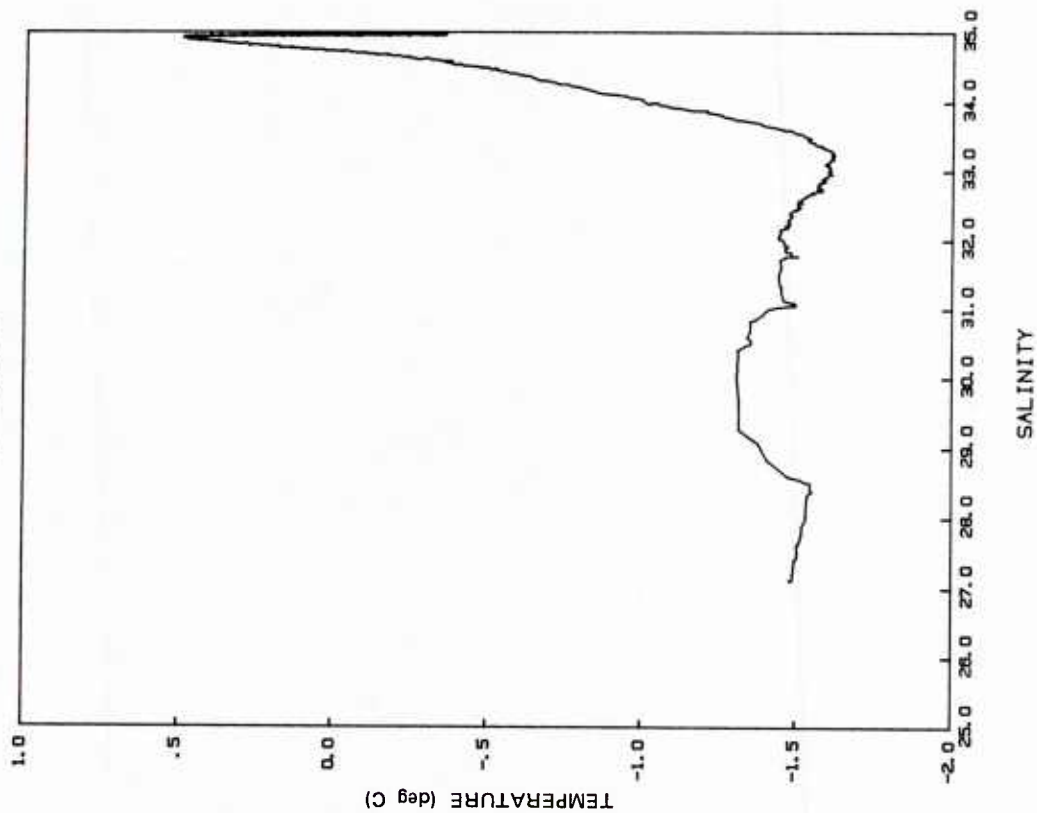
# MIZPAC 84 CALCULATED SOUND SPEED





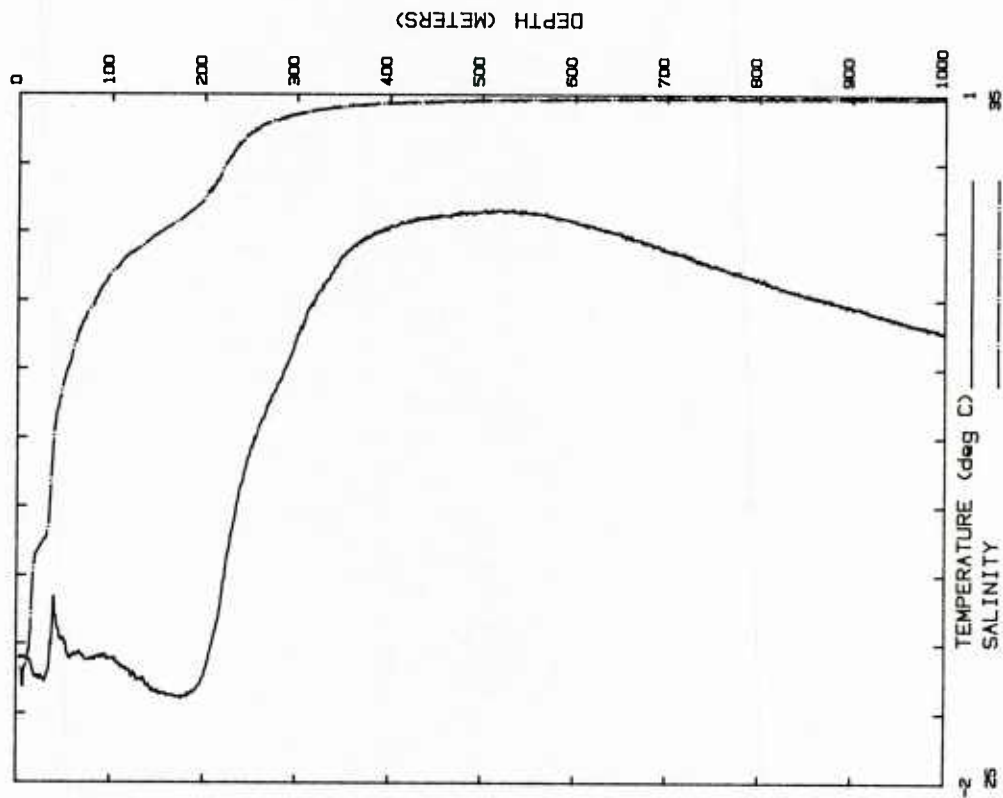
CAST# 20 UP  
DATE: 84/11/02  
TIME: 18:27:27  
LAT: 72 20.5 N  
LON: 145 13.0 W

# MIZPAC 84 TS CURVE



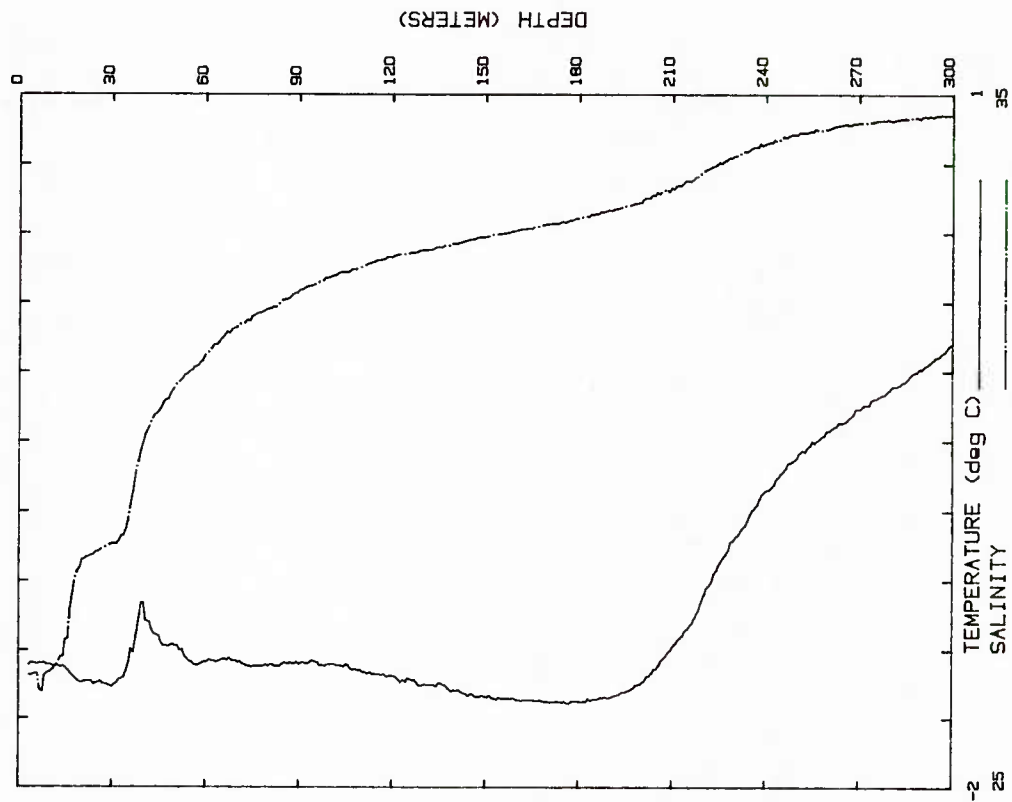
CAST# 21 UP  
DATE: 84/11/04  
TIME: 20:01:54  
LAT: 72 12.0 N  
LON: 145 18.4 W

# MIZPAC 84 CTD PROFILE



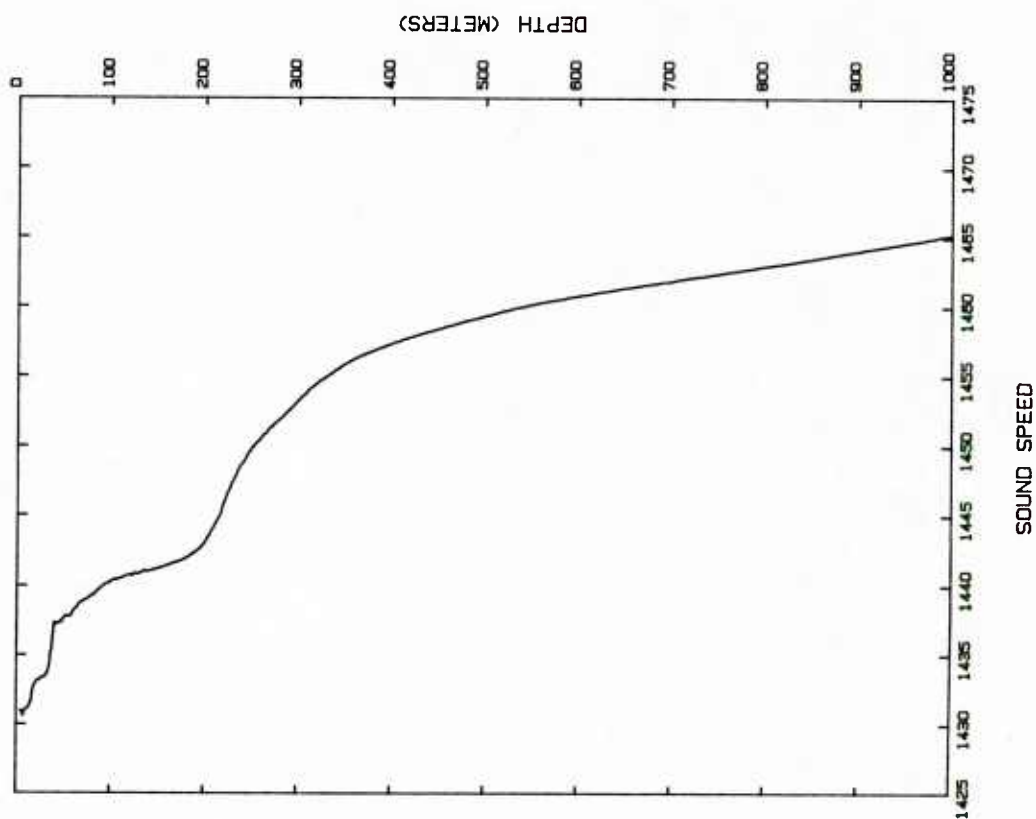
CAST# 21 UP  
 DATE: 84/11/04  
 TIME: 20:01:54  
 LAT: 72 13.0 N  
 LONG: 145 18.4 W

# MIZPAC 84 CTD PROFILE



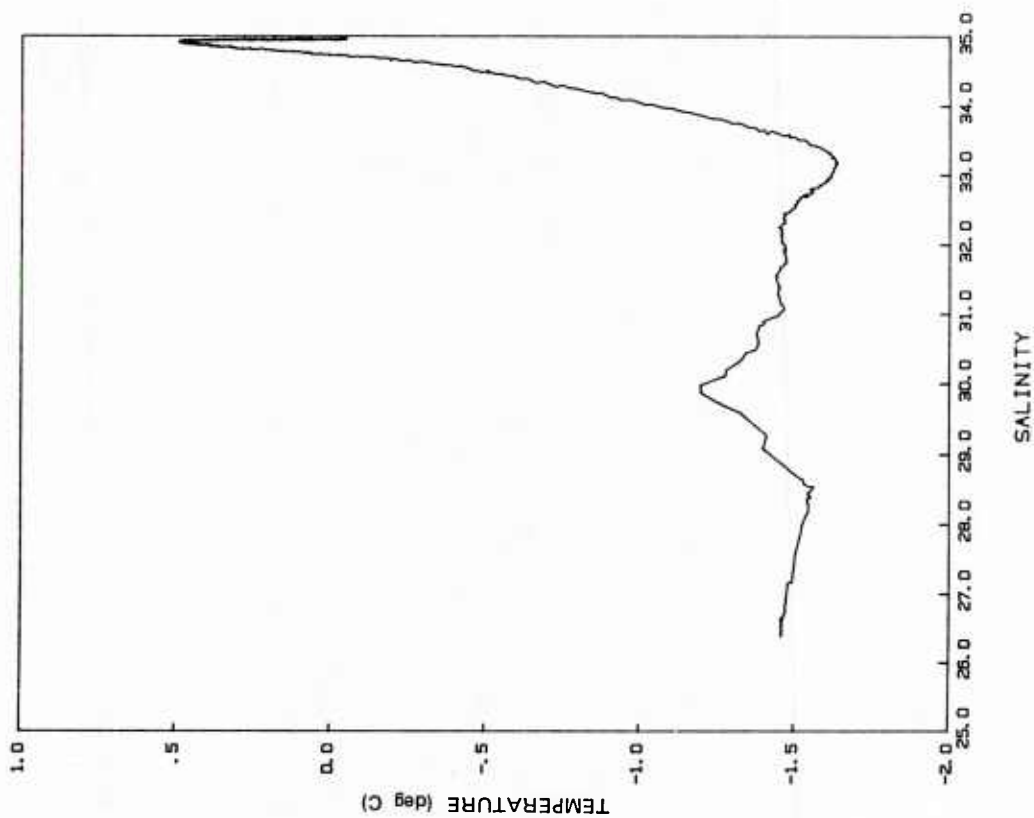
CAST# 21 UP  
 DATE: 84/11/04  
 TIME: 20:01:54  
 LAT: 72 13.0 N  
 LONG: 145 18.4 W

# MIZPAC 84 CALCULATED SOUND SPEED



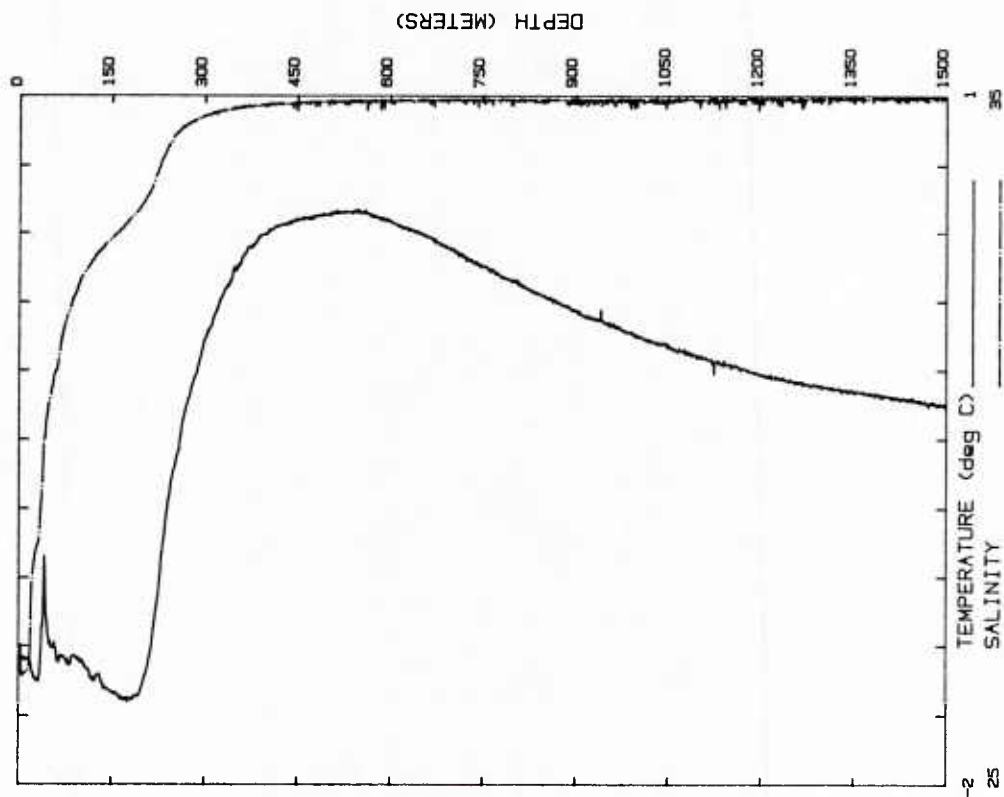
CAST# 21 UP  
DATE: 84/11/04  
TIME: 20:01:54  
LAT: 72 13.0 N  
LON: 145 18.4 W

# MIZPAC 84 TS CURVE



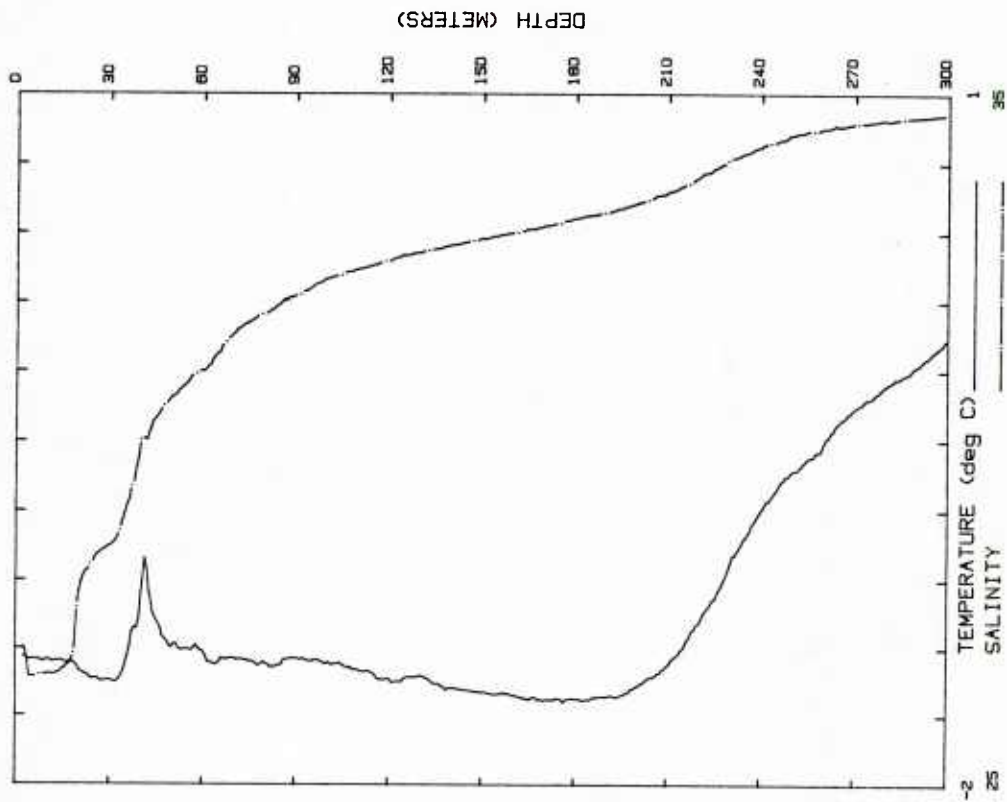
CAST# 22 DOWN  
DATE: 84/11/06  
TIME: 21:29:32  
LAT: 72 10.1 N  
LON: 145 23.5 W

# MIZPAC 84 CTD PROFILE



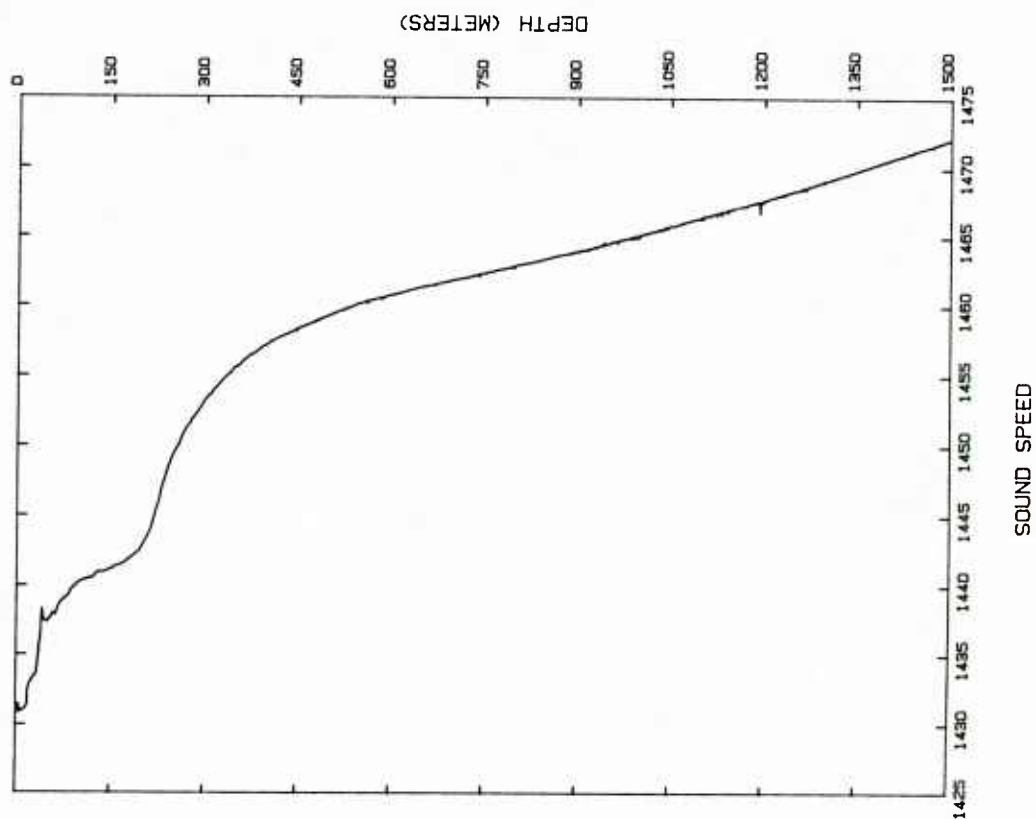
CAST# 22 DOWN  
 DATE: 84/11/06  
 TIME: 21:28:32  
 LAT: 72 10.1 N  
 LON: 145 23.5 W

# MIZPAC 84 CTD PROFILE



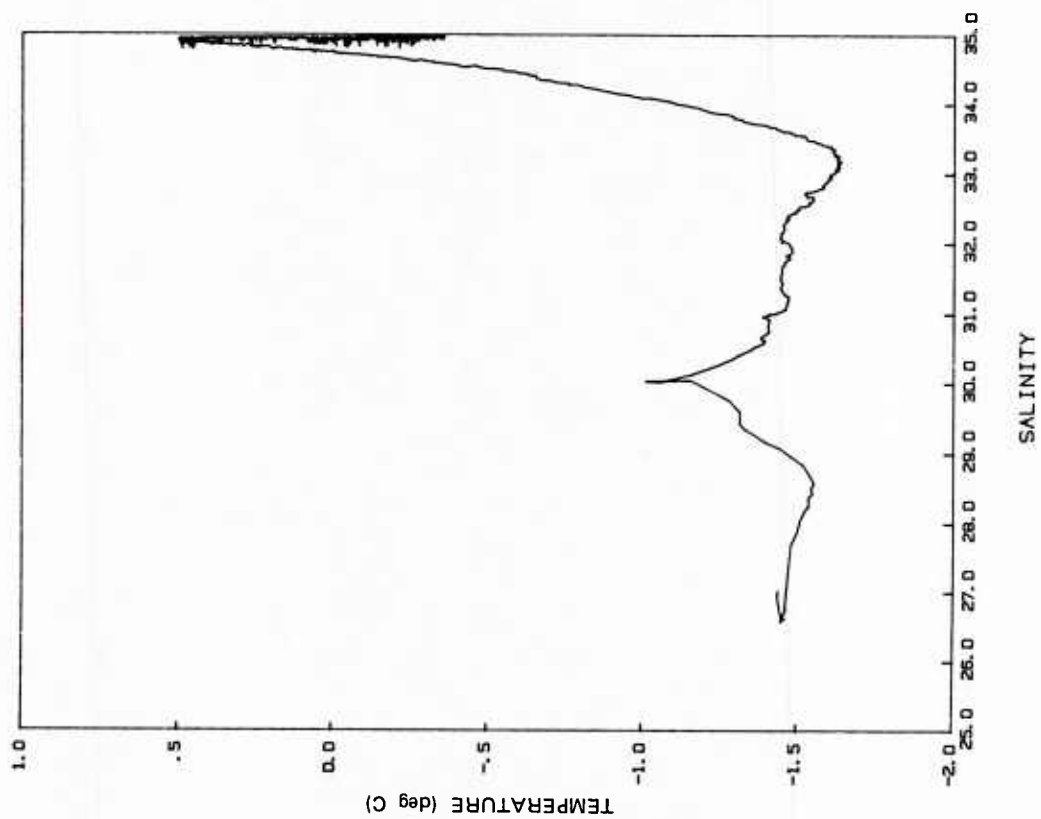
CAST# 22 DOWN  
 DATE: 84/11/06  
 TIME: 21:28:32  
 LAT: 72 10.1 N  
 LON: 145 23.5 W

# MIZPAC 84 CALCULATED SOUND SPEED



CAST# 22 DOWN  
DATE: 84/11/06  
TIME: 21:29:32  
LAT: 72 10.1 N  
LON: 145 23.5 W

MIZPAC 84  
TS CURVE





## **APPENDIX B - MIZPACs 85 & 86 SHIP'S TRACKS**

Also shown are casts done by helicopter (LWP).

## MIZPAC 85 CTD INDEX

CAST #	DATE	TIME	LATITUDE	LONGITUDE
1	84/08/17	23:11:41	70 11.1 N	138 44.1 W
2	84/08/18	18:48:36	71 03.6 N	134 06.7 W
3	84/08/18	19:18:23	71 03.6 N	134 06.7 W
4	84/08/19	15:53:49	71 33.9 N	133 59.5 W
5	84/08/20	09:45:26	71 18.9 N	134 00.0 W
6	84/08/21	01:46:44	71 08.2 N	134 09.7 W
7	84/08/21	02:14:29	71 08.2 N	134 09.7 W
8	84/08/21	12:23:06	70 59.8 N	135 19.2 W
9	84/08/21	21:44:47	70 53.8 N	135 24.1 W
10	84/08/22	04:44:05	70 31.1 N	136 16.1 W
11	84/08/22	08:19:38	70 30.1 N	136 48.7 W
12	84/08/22	11:49:53	70 21.2 N	137 59.3 W
13	84/08/22	14:37:17	69 57.6 N	138 34.6 W
14	84/08/22	18:10:09	70 13.9 N	140 04.6 W
15	84/08/22	21:01:20	70 37.7 N	139 56.0 W
16	84/08/23	02:39:42	71 01.9 N	140 00.8 W
17	84/08/23	17:23:02	71 17.0 N	140 12.0 W
18	84/08/24	04:37:08	71 09.0 N	141 24.6 W
19	84/08/24	12:41:34	71 01.2 N	142 36.4 W
20	84/08/24	23:20:33	70 54.8 N	143 35.1 W
21	84/08/25	18:29:10	71 08.8 N	145 22.1 W
22	84/08/26	04:25:26	71 08.1 N	146 29.8 W
23	84/08/28	05:08:55	71 15.5 N	149 06.7 W
24	84/08/28	10:01:09	71 18.6 N	149 56.1 W
25	84/08/28	18:03:26	71 42.9 N	150 02.4 W
26	84/08/29	01:43:38	71 57.9 N	149 58.5 W
27	84/08/29	05:47:37	72 09.8 N	150 01.7 W
28	84/08/29	11:01:04	72 24.9 N	150 39.9 W
29	84/08/29	16:36:02	72 41.5 N	151 13.9 W
30	84/08/30	01:59:56	73 08.6 N	151 23.0 W
31	84/09/02	05:23:58	70 50.7 N	160 34.9 W
32	84/09/02	06:26:02	70 55.8 N	160 10.8 W
33	84/09/02	08:18:58	71 02.2 N	159 39.1 W
34	84/09/02	09:21:45	71 07.0 N	159 19.4 W
35	84/09/02	10:32:34	71 11.8 N	158 52.6 W
36	84/09/02	11:35:04	71 16.9 N	158 28.2 W
37	84/09/02	13:00:06	71 21.4 N	157 55.2 W
38	84/09/02	14:09:01	71 24.9 N	157 31.9 W
39	84/09/02	15:29:45	71 28.7 N	157 05.3 W
40	84/09/02	16:58:57	71 32.5 N	156 36.9 W
41	84/09/02	18:30:48	71 36.7 N	156 08.3 W
42	84/09/02	19:59:43	71 41.3 N	155 35.9 W
43	84/09/02	21:20:59	71 44.4 N	155 08.5 W
44	84/09/02	23:51:10	71 55.6 N	155 01.3 W
45	84/09/03	01:09:21	72 03.9 N	154 53.9 W
46	84/09/03	02:54:26	72 13.5 N	154 48.1 W
47	84/09/03	05:31:26	72 04.1 N	155 36.6 W
48	84/09/03	06:49:46	72 01.9 N	155 29.6 W
49	84/09/03	08:12:50	71 58.1 N	155 26.6 W
50	84/09/03	09:20:22	71 56.7 N	155 23.4 W
51	84/09/03	10:43:57	71 53.5 N	155 18.8 W
52	84/09/03	11:49:58	71 50.3 N	155 14.7 W
53	84/09/03	12:51:03	71 47.6 N	155 11.1 W
54	84/09/03	13:59:42	71 45.4 N	155 04.9 W
55	84/09/03	15:01:48	71 41.8 N	155 03.8 W
56	84/09/04	00:48:28	71 25.3 N	156 47.0 W
57	84/09/04	02:01:49	71 31.8 N	156 55.2 W

58	84/09/04	02:57:46	71 34.4 N	156 58.4 W
59	84/09/04	03:43:55	71 37.7 N	157 03.3 W
60	84/09/04	04:30:22	71 40.2 N	157 06.4 W
61	84/09/04	05:11:48	71 43.1 N	157 08.0 W
62	84/09/04	05:53:47	71 45.9 N	157 12.4 W
63	84/09/04	06:36:20	71 48.9 N	157 16.4 W
64	84/09/04	07:26:30	71 54.7 N	157 22.6 W
65	84/09/04	10:34:02	71 36.2 N	159 09.9 W
66	84/09/04	11:35:02	71 30.5 N	159 03.1 W
67	84/09/04	12:21:07	71 27.1 N	158 57.9 W
68	84/09/04	13:02:38	71 25.1 N	158 55.9 W
69	84/09/04	13:42:35	71 22.2 N	158 53.9 W
70	84/09/04	14:38:16	71 18.8 N	158 49.5 W
71	84/09/04	15:21:09	71 16.2 N	158 47.0 W
72	84/09/04	16:27:28	71 13.6 N	158 43.1 W
73	84/09/04	17:25:49	71 09.0 N	158 38.2 W
74	84/09/04	21:40:27	70 49.2 N	160 13.7 W
75	84/09/04	22:35:39	70 55.4 N	160 18.9 W
76	84/09/04	23:12:50	70 57.5 N	160 24.3 W
77	84/09/05	00:11:55	71 00.6 N	160 27.1 W
78	84/09/05	00:53:52	71 03.2 N	160 29.5 W
79	84/09/05	01:37:12	71 05.9 N	160 32.7 W
80	84/09/05	02:44:15	71 08.9 N	160 36.5 W
81	84/09/05	03:44:53	71 11.6 N	160 39.8 W
82	84/09/05	05:40:32	71 70.0 N	160 47.7 W
83	84/09/05	18:48:06	71 50.5 N	161 13.5 W
84	84/09/05	23:37:59	72 00.0 N	160 00.0 W
85	84/09/06	04:28:49	72 00.0 N	156 45.7 W
86	84/09/06	06:47:44	72 00.0 N	155 25.5 W
87	84/09/06	09:04:03	71 59.8 N	154 04.4 W
88	84/09/06	11:57:36	71 59.2 N	152 48.5 W
89	84/09/06	16:53:28	72 00.4 N	151 24.9 W
90	84/09/06	23:40:38	72 00.1 N	150 07.3 W
91	84/09/07	07:30:55	72 00.1 N	148 44.6 W
92	84/09/07	18:40:12	71 50.0 N	148 43.5 W
93	84/09/08	01:48:50	71 30.3 N	148 43.7 W
94	84/09/08	17:28:15	71 31.6 N	151 02.5 W
95	84/09/08	20:35:34	71 31.2 N	151 35.3 W
96	84/09/09	00:18:09	71 22.2 N	151 32.5 W
97	84/09/09	02:52:26	71 31.7 N	152 25.2 W
98	84/09/09	05:40:14	71 44.1 N	152 57.0 W
99	84/09/09	09:52:18	71 43.7 N	154 17.3 W
100	84/09/09	12:12:42	71 38.6 N	155 35.3 W
101	84/09/10	06:32:36	72 19.4 N	155 06.6 W
102	84/09/10	11:22:11	72 39.8 N	154 58.0 W
103	84/09/10	16:47:56	72 59.9 N	155 01.4 W
104	84/09/10	23:31:26	72 33.8 N	154 10.6 W
105	84/09/12	02:32:49	72 11.6 N	154 43.0 W
106	84/09/12	04:43:07	72 02.6 N	154 53.6 W
109	84/09/12	09:48:08	71 38.9 N	156 06.6 W
110	84/09/12	11:29:45	71 35.2 N	156 32.5 W
111	84/09/12	13:49:54	71 25.7 N	157 31.0 W
112	84/09/12	15:03:59	71 21.2 N	157 57.8 W
113	84/09/12	16:23:06	71 16.3 N	158 26.0 W
114	84/09/12	18:52:23	71 06.5 N	159 17.9 W
115	84/09/12	20:26:24	71 01.3 N	159 47.3 W
116	84/09/12	22:32:13	70 51.0 N	160 35.6 W
117	84/09/13	02:04:49	70 49.0 N	160 14.3 W
118	84/09/13	03:08:35	70 54.6 N	160 20.7 W
119	84/09/13	03:46:41	70 57.7 N	160 23.2 W

120	84/09/13	04:21:21	71 00.5 N	160 26.8 W
121	84/09/13	04:54:49	71 04.1 N	160 28.2 W
122	84/09/13	05:26:58	71 06.1 N	160 33.8 W
123	84/09/13	05:58:50	71 08.9 N	160 37.1 W
124	84/09/13	06:30:17	71 11.6 N	160 40.1 W
125	84/09/13	07:13:02	71 16.7 N	160 42.8 W
126	84/09/13	14:47:27	71 36.9 N	159 07.3 W
127	84/09/13	15:54:55	71 31.5 N	159 02.2 W
128	84/09/13	16:46:43	71 28.1 N	158 59.5 W
129	84/09/13	17:23:07	71 25.1 N	158 56.2 W
130	84/09/13	18:03:19	71 22.3 N	158 52.9 W
131	84/09/13	18:37:55	71 19.5 N	158 50.3 W
132	84/09/13	19:22:19	71 16.5 N	158 45.2 W
133	84/09/13	20:17:11	71 13.7 N	158 43.8 W
134	84/09/13	21:30:54	71 08.8 N	158 38.2 W
135	84/09/14	01:35:02	71 26.0 N	156 49.0 W
136	84/09/14	02:38:10	71 31.6 N	156 55.1 W
137	84/09/14	03:39:19	71 34.3 N	156 57.7 W
138	84/09/14	04:26:04	71 37.1 N	157 01.7 W
139	84/09/14	05:04:21	71 39.9 N	157 04.6 W
140	84/09/14	05:48:30	71 41.6 N	157 09.2 W
141	84/09/14	06:20:07	71 45.4 N	157 10.9 W
142	84/09/14	06:58:52	71 48.2 N	157 14.8 W
143	84/09/14	07:56:20	71 55.0 N	157 21.5 W
144	84/09/14	15:36:02	72 05.0 N	155 32.4 W
145	84/09/14	17:03:30	71 59.7 N	155 25.3 W
146	84/09/14	18:01:57	71 56.8 N	155 21.8 W
147	84/09/14	18:55:16	71 54.0 N	155 17.7 W
148	84/09/14	20:16:19	71 50.2 N	155 13.3 W
149	84/09/14	21:09:14	71 48.5 N	155 11.6 W
150	84/09/14	22:09:54	71 45.6 N	155 08.2 W
151	84/09/14	23:12:55	71 42.8 N	155 04.5 W
152	84/09/15	00:46:02	71 33.7 N	154 49.9 W

# MIZPAC 85 LWP INDEX

DROP #	DATE	TIME	LATITUDE	LONGITUDE
1	85/08/17	22:47:00	70 11.1 N	138 44.1 W
2	85/08/21	22:30:00	71 13.5 N	134 19.0 W
3	85/08/21	23:00:00	71 29.5 N	134 15.0 W
4	85/08/24	17:00:00	71 42.9 N	134 15.0 W
5	85/08/24	18:00:00	71 29.5 N	142 58.0 W
6	85/08/24	18:45:00	71 14.0 N	142 59.0 W
7	85/08/25	22:57:00	71 10.2 N	143 36.0 W
8	85/08/24	23:42:00	71 35.0 N	143 35.3 W
9	85/08/25	00:15:00	71 25.0 N	143 34.0 W
10	85/08/25	06:13:00	70 44.4 N	144 48.8 W
11	85/08/25	10:43:00	71 08.7 N	145 15.9 W
12	85/08/25	18:04:00	71 13.3 N	144 45.0 W
13	85/08/25	22:21:00	71 39.2 N	142 52.3 W
14	85/08/25	22:53:00	71 54.2 N	145 52.0 W
15	85/08/28	00:14:09	71 22.4 N	148 11.0 W
16	85/08/28	18:16:00	71 42.9 N	149 16.5 W
66	85/09/08	11:40:00	71 29.6 N	150 02.7 W

## MIZPAC 86 Positions

Date	Time	Latitude		Longitude		Source
09/18	0300	71 18	N	156 54	W	MST log
09/19	0300	71 12	N	156 48	W	MST log
09/19	0400	71 22	N	156 45	W	QM log
09/19	1600	71 24.5	N	151 00	W	QM log
09/19	2000	71 12.2	N	148 28	W	QM log
09/20	0400	70 48	N	143 53	W	QM log
09/20	1600	72 15.2	N	142 00	W	QM log
09/20	2000	72 38.5	N	141 26	W	QM log
09/21	0549	72 53.7	N	141 44.0	W	Cast 1
09/22	1715	73 09.4	N	141 16.0	W	Cast 2
09/23	0243	73 29.1	N	141 14.8	W	Cast 3
09/23	1200	73 36	N	141 48	W	MST log
09/23	1733	73 02.5	N	141 13.5	W	Cast 4
09/24	1200	73 30	N	141 12	W	MST log
09/25	1200	73 18	N	141 12	W	MST log
09/26	0300	72 54	N	141 12	W	MST log
09/26	2014	72 38.9	N	141 24.9	W	Cast 5
09/27	0300	72 36	N	141 24	W	MST log
09/28	0300	71 24	N	144 18	W	MST log
09/29	0358	71 29.5	N	147 23.6	W	Cast 6
09/29	1425	72 01.2	N	147 55.9	W	Cast 7
09/29	1734	72 00.2	N	149 06.1	W	Cast 8
09/29	2126	71 29.0	N	149 09.3	W	Cast 9
09/30	0228	72 00.0	N	150 59.4	W	Cast 10
09/30	0539	72 14.9	N	151 04.0	W	Cast 11
09/30	1021	72 11.9	N	152 30.8	W	Cast 12
09/30	1721	71 59.7	N	153 44.9	W	Cast 13

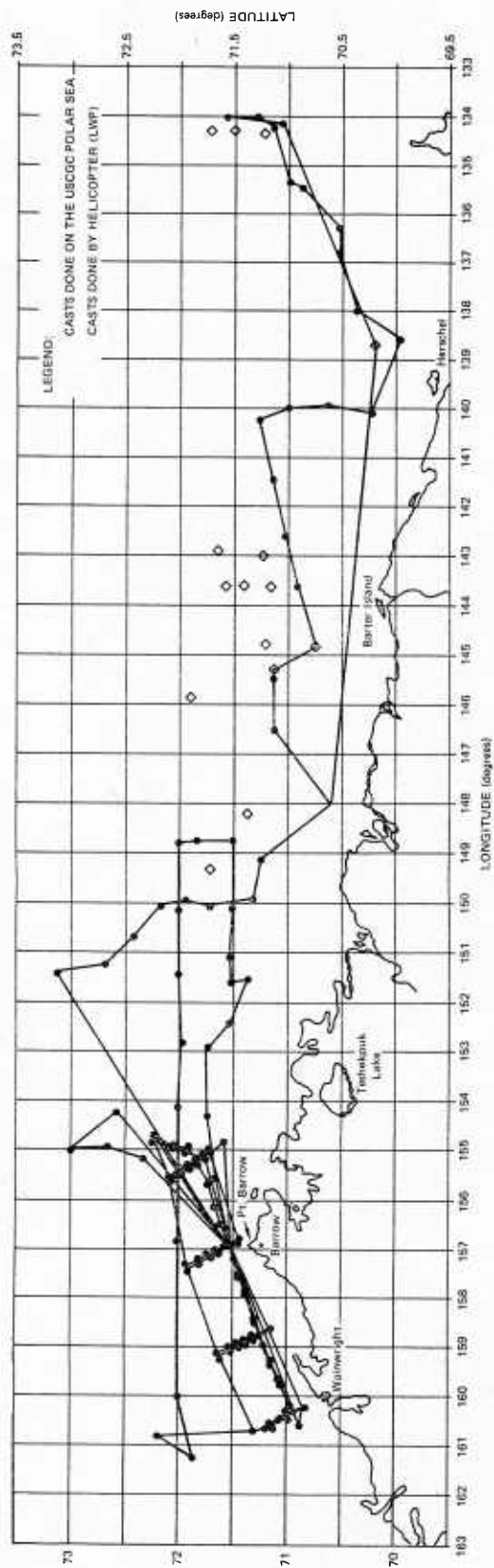


Figure B-1. MIZPAC 85 ship's track.



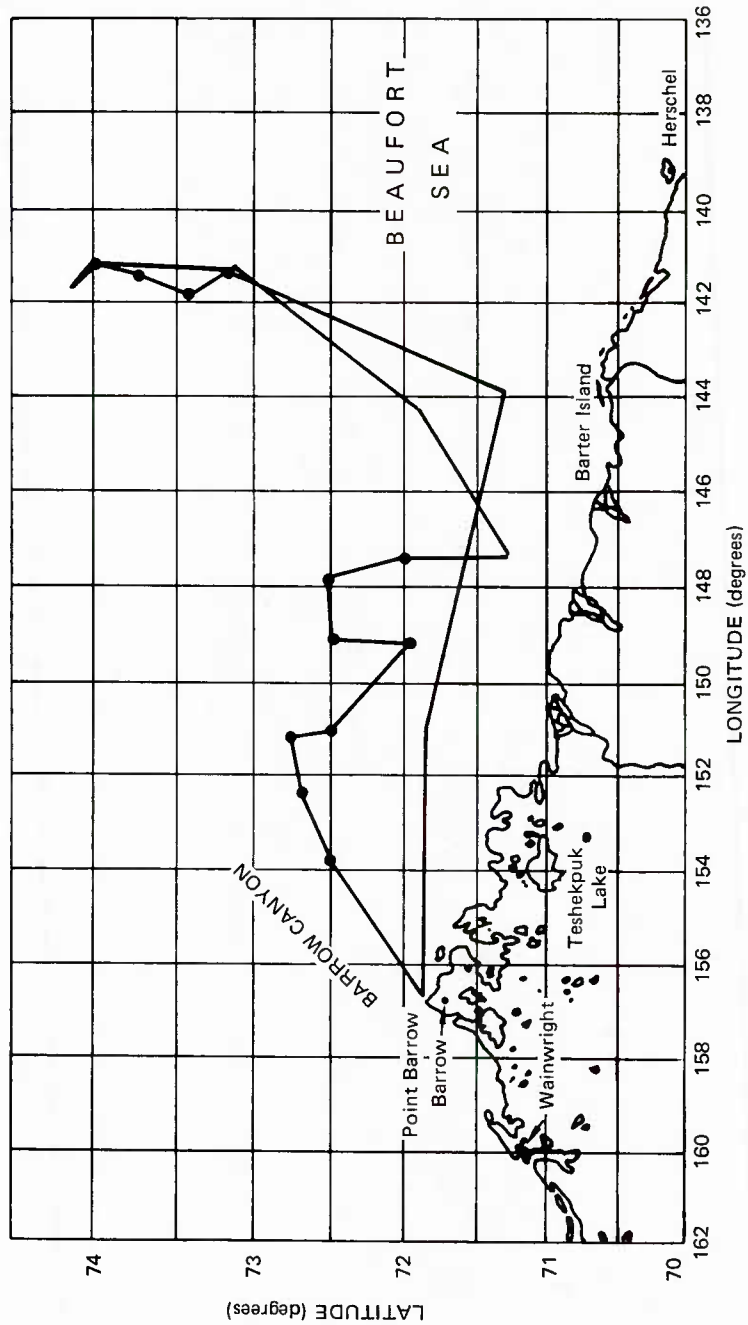


Figure B-2. MIZPAC 86 ship's track.

## **APPENDIX C - MIZPAC 85 LWP DATA**

Showing the ship's positions when LWP drops #1 through #16 and #66 were made, CTD tables, and plots.

## MIZPAC 85 LWP INDEX

DROP #	DATE	TIME	LATITUDE	LONGITUDE
1	85/08/17	22:47:00	70 11.1 N	138 44.1 W
2	85/08/21	22:30:00	71 13.5 N	134 19.0 W
3	85/08/21	23:00:00	71 29.5 N	134 15.0 W
4	85/08/24	17:00:00	71 42.9 N	134 15.0 W
5	85/08/24	18:00:00	71 29.5 N	142 58.0 W
6	85/08/24	18:45:00	71 14.0 N	142 59.0 W
7	85/08/25	22:57:00	71 10.2 N	143 36.0 W
8	85/08/24	23:42:00	71 35.0 N	143 35.3 W
9	85/08/25	00:15:00	71 25.0 N	143 34.0 W
10	85/08/25	06:13:00	70 44.4 N	144 48.8 W
11	85/08/25	10:43:00	71 08.7 N	145 15.9 W
12	85/08/25	18:04:00	71 13.3 N	144 45.0 W
13	85/08/25	22:21:00	71 39.2 N	142 52.3 W
14	85/08/25	22:53:00	71 54.2 N	145 52.0 W
15	85/08/28	00:14:09	71 22.4 N	148 11.0 W
16	85/08/28	18:16:00	71 42.9 N	149 16.5 W
66	85/09/08	11:40:00	71 29.6 N	150 02.7 W

MIZPAC 85  
 DATE: 85/08/17  
 LAT: 70 11.1 N

DROP# 1 DOWN  
 TIME: 22:47:00  
 LON: 138 44.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	3.27	19.29	1442.90	84.3	-1.48	32.44	1440.30	165.5	-1.47	33.41	1443.00
1.0	3.19	19.34	1442.70	85.4	-1.47	32.46	1440.30	166.4	-1.46	33.43	1443.10
1.8	3.15	19.33	1442.50	86.2	-1.45	32.46	1440.40	167.4	-1.45	33.44	1443.10
2.7	3.00	19.32	1441.80	87.1	-1.45	32.48	1440.50	168.3	-1.45	33.45	1443.20
3.6	3.11	19.30	1442.30	88.1	-1.48	32.50	1440.40	169.2	-1.44	33.47	1443.30
4.5	2.84	19.37	1441.20	89.0	-1.47	32.51	1440.40	170.2	-1.43	33.47	1443.40
5.6	2.66	23.58	1445.90	90.1	-1.46	32.52	1440.50	171.2	-1.42	33.48	1443.40
7.7	1.28	17.77	1432.00	91.0	-1.45	32.53	1440.60	172.1	-1.41	33.49	1443.50
8.8	0.59	19.48	1431.10	91.9	-1.43	32.54	1440.70	173.1	-1.41	33.50	1443.50
10.1	-0.83	21.78	1427.40	93.0	-1.43	32.56	1440.80	174.0	-1.40	33.51	1443.60
11.0	-0.94	23.72	1429.50	93.9	-1.47	32.58	1440.70	174.9	-1.38	33.53	1443.70
12.1	-1.01	24.99	1431.00	94.9	-1.47	32.58	1440.70	175.8	-1.36	33.54	1443.80
12.9	-1.03	25.71	1431.90	95.8	-1.47	32.59	1440.70	176.8	-1.35	33.56	1443.90
13.9	-1.09	26.49	1432.70	96.7	-1.47	32.61	1440.70	177.7	-1.35	33.58	1444.00
14.8	-1.09	27.20	1433.70	97.4	-1.44	32.61	1440.90	178.6	-1.34	33.58	1444.10
15.7	-1.10	27.67	1434.30	97.9	-1.45	32.62	1440.90	179.5	-1.34	33.59	1444.10
16.7	-1.16	28.02	1434.50	98.6	-1.45	32.63	1440.90	180.4	-1.32	33.60	1444.20
17.7	-1.28	28.60	1434.70	99.4	-1.47	32.66	1440.90	181.4	-1.31	33.61	1444.30
18.6	-1.29	29.13	1435.50	100.3	-1.49	32.66	1440.80	182.4	-1.30	33.63	1444.40
19.7	-1.30	29.51	1436.00	101.3	-1.48	32.67	1440.80	183.4	-1.29	33.64	1444.50
20.7	-1.30	29.81	1436.40	102.6	-1.47	32.69	1440.90	184.3	-1.27	33.66	1444.60
21.7	-1.41	30.18	1436.40	103.4	-1.46	32.70	1441.00	185.3	-1.25	33.68	1444.70
22.6	-1.37	30.39	1436.90	104.3	-1.46	32.71	1441.00	186.2	-1.24	33.70	1444.80
23.5	-1.41	30.60	1437.00	105.2	-1.46	32.72	1441.10	187.3	-1.22	33.71	1444.90
24.5	-1.40	30.66	1437.10	106.2	-1.46	32.73	1441.10	188.3	-1.20	33.74	1445.10
25.6	-1.41	30.74	1437.20	107.1	-1.46	32.75	1441.10	189.2	-1.17	33.76	1445.30
26.5	-1.42	30.79	1437.30	108.1	-1.46	32.76	1441.20	190.1	-1.15	33.79	1445.40
27.4	-1.42	30.84	1437.30	109.1	-1.47	32.77	1441.20	191.2	-1.15	33.80	1445.50
28.5	-1.43	30.86	1437.30	110.1	-1.47	32.78	1441.20	192.1	-1.11	33.82	1445.70
29.4	-1.44	30.90	1437.40	111.2	-1.47	32.79	1441.20	193.4	-1.08	33.87	1445.90
30.3	-1.48	30.93	1437.30	112.2	-1.47	32.80	1441.30	194.4	-1.06	33.88	1446.10
31.3	-1.51	30.95	1437.10	113.0	-1.48	32.81	1441.20				
32.2	-1.56	31.00	1437.00	114.0	-1.47	32.82	1441.30				
33.4	-1.55	31.01	1437.10	114.9	-1.48	32.83	1441.30				
34.3	-1.61	31.07	1436.90	115.9	-1.48	32.84	1441.30				
35.1	-1.62	31.10	1436.90	116.9	-1.48	32.85	1441.30				
36.3	-1.62	31.14	1437.00	117.9	-1.49	32.87	1441.40				
37.2	-1.56	31.18	1437.30	118.9	-1.49	32.88	1441.40				
38.2	-1.59	31.25	1437.30	119.9	-1.51	32.90	1441.30				
39.3	-1.59	31.34	1437.50	120.7	-1.51	32.91	1441.40				
40.2	-1.59	31.39	1437.50	121.7	-1.50	32.92	1441.40				
41.3	-1.59	31.42	1437.60	122.6	-1.50	32.92	1441.50				
42.2	-1.59	31.47	1437.70	123.6	-1.50	32.94	1441.50				
43.3	-1.62	31.50	1437.60	124.6	-1.51	32.96	1441.50				
44.3	-1.60	31.55	1437.80	125.4	-1.51	32.97	1441.50				
45.3	-1.62	31.58	1437.70	126.5	-1.51	32.98	1441.50				
46.4	-1.60	31.61	1437.90	127.5	-1.52	33.00	1441.50				
47.4	-1.54	31.62	1438.20	128.5	-1.52	33.01	1441.60				
48.3	-1.58	31.66	1438.10	129.4	-1.52	33.01	1441.60				
49.4	-1.58	31.69	1438.20	130.6	-1.52	33.02	1441.60				
50.4	-1.59	31.75	1438.20	131.6	-1.53	33.03	1441.60				
51.4	-1.58	31.79	1438.30	132.6	-1.53	33.04	1441.60				
52.4	-1.56	31.82	1438.50	133.5	-1.54	33.06	1441.60				
53.3	-1.60	31.90	1438.40	134.5	-1.54	33.06	1441.60				
54.4	-1.65	31.90	1438.20	135.5	-1.54	33.07	1441.70				
55.4	-1.61	31.90	1438.40	136.2	-1.53	33.07	1441.70				
56.4	-1.64	31.96	1438.30	137.3	-1.53	33.08	1441.80				
57.3	-1.59	31.96	1438.60	138.2	-1.53	33.09	1441.80				
58.5	-1.61	32.01	1438.60	139.2	-1.53	33.10	1441.90				
59.4	-1.58	32.02	1438.80	140.2	-1.53	33.12	1441.90				
60.4	-1.62	32.05	1438.60	141.1	-1.53	33.12	1441.90				
61.6	-1.62	32.05	1438.70	142.0	-1.55	33.14	1441.80				
62.5	-1.56	32.08	1439.00	143.0	-1.55	33.15	1441.90				
63.5	-1.55	32.10	1439.10	143.9	-1.55	33.15	1441.90				
64.4	-1.56	32.13	1439.10	144.9	-1.54	33.16	1441.90				
65.4	-1.59	32.15	1439.00	145.9	-1.55	33.17	1442.00				
66.3	-1.56	32.14	1439.20	146.9	-1.54	33.18	1442.00				
67.3	-1.49	32.15	1439.50	147.8	-1.55	33.20	1442.00				
68.2	-1.48	32.18	1439.60	148.9	-1.55	33.21	1442.10				
69.2	-1.48	32.19	1439.60	149.8	-1.55	33.22	1442.10				
70.1	-1.48	32.22	1439.70	150.9	-1.54	33.23	1442.10				
71.0	-1.48	32.23	1439.70	151.9	-1.54	33.25	1442.20				
72.0	-1.48	32.25	1439.80	152.8	-1.54	33.26	1442.30				
73.1	-1.49	32.27	1439.80	153.8	-1.53	33.28	1442.30				
73.9	-1.49	32.29	1439.80	154.8	-1.53	33.29	1442.40				
75.0	-1.49	32.30	1439.90	155.7	-1.52	33.31	1442.40				
75.9	-1.49	32.31	1439.90	156.7	-1.52	33.31	1442.50				
76.7	-1.49	32.33	1439.90	157.6	-1.52	33.32	1442.50				
77.6	-1.49	32.34	1439.90	158.6	-1.51	33.33	1442.50				
78.5	-1.49	32.35	1440.00	159.6	-1.51	33.34	1442.60				
79.5	-1.49	32.37	1440.00	160.6	-1.50	33.35	1442.70				
80.4	-1.49	32.39	1440.10	161.5	-1.50	33.37	1442.70				
81.6	-1.49	32.40	1440.10	162.6	-1.49	33.38	1442.80				
82.4	-1.49	32.42	1440.10	163.6	-1.48	33.38	1442.90				
83.5	-1.49	32.43	1440.20	164.6	-1.48	33.40	1442.90				

MIZPAC 85  
 DATE: 85/08/21  
 LAT: 71 13.5 N

DROP# 2 DOWN  
 TIME: 22:30:00  
 LON: 134 19.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.5	-1.40	28.24	1433.40	96.1	-1.44	32.33	1440.50	217.8	-1.05	33.90	1446.50
2.1	-1.40	28.28	1433.50	97.6	-1.44	32.34	1440.50	219.3	-1.04	33.91	1446.60
2.8	-1.40	28.31	1433.50	98.8	-1.44	32.35	1440.60	221.1	-1.01	33.94	1446.80
4.0	-1.40	28.33	1433.60	100.3	-1.45	32.37	1440.60	222.5	-0.98	33.97	1447.00
5.1	-1.40	28.33	1433.60	101.7	-1.45	32.38	1440.60	224.4	-0.95	34.01	1447.20
6.1	-1.40	28.33	1433.60	102.8	-1.45	32.39	1440.60	225.8	-0.93	34.03	1447.40
6.9	-1.40	28.34	1433.60	104.2	-1.44	32.39	1440.70	227.0	-0.90	34.05	1447.60
7.8	-1.40	28.35	1433.70	105.9	-1.45	32.42	1440.70	228.4	-0.89	34.08	1447.70
8.9	-1.39	28.41	1433.80	107.2	-1.44	32.44	1440.80	229.8	-0.87	34.09	1447.80
9.8	-1.31	28.57	1434.40	108.7	-1.45	32.45	1440.80	231.2	-0.85	34.12	1448.00
11.1	-1.22	28.90	1435.40	110.1	-1.45	32.48	1440.90	232.6	-0.82	34.14	1448.20
12.2	-1.14	29.09	1436.00	111.3	-1.45	32.50	1440.90	234.1	-0.80	34.16	1448.30
13.2	-1.13	29.18	1436.20	112.7	-1.45	32.53	1441.00	235.4	-0.79	34.17	1448.40
14.2	-1.13	29.28	1436.30	114.0	-1.44	32.56	1441.10	236.9	-0.76	34.20	1448.60
15.2	-1.12	29.36	1436.50	115.4	-1.45	32.58	1441.10	238.2	-0.73	34.22	1448.80
16.4	-1.11	29.44	1436.70	116.8	-1.45	32.60	1441.10	239.6	-0.71	34.23	1448.90
17.3	-1.10	29.65	1437.10	118.1	-1.45	32.63	1441.20	240.9	-0.69	34.25	1449.10
18.5	-1.06	29.79	1437.40	119.6	-1.45	32.65	1441.20				
19.6	-1.01	30.33	1438.50	121.0	-1.45	32.67	1441.30				
20.7	-1.01	30.64	1438.90	122.3	-1.47	32.70	1441.30				
21.9	-1.02	30.84	1439.10	123.7	-1.47	32.72	1441.30				
23.0	-1.07	30.94	1439.10	125.2	-1.47	32.74	1441.40				
24.1	-1.07	31.01	1439.20	126.5	-1.48	32.76	1441.40				
25.2	-1.13	31.06	1439.00	127.9	-1.48	32.78	1441.40				
26.4	-1.15	31.08	1439.00	129.2	-1.49	32.82	1441.50				
27.5	-1.16	31.10	1438.90	130.7	-1.49	32.85	1441.50				
28.6	-1.19	31.11	1438.90	131.9	-1.50	32.90	1441.60				
29.6	-1.21	31.13	1438.80	133.3	-1.50	32.91	1441.60				
30.7	-1.24	31.15	1438.70	134.6	-1.50	32.92	1441.70				
32.2	-1.26	31.16	1438.60	136.1	-1.50	32.92	1441.70				
33.3	-1.28	31.17	1438.60	137.5	-1.50	32.94	1441.70				
34.3	-1.30	31.18	1438.50	138.8	-1.50	32.95	1441.70				
35.6	-1.33	31.20	1438.40	140.2	-1.51	32.96	1441.80				
36.7	-1.36	31.22	1438.30	141.6	-1.51	32.97	1441.80				
37.7	-1.38	31.23	1438.20	143.1	-1.51	32.98	1441.80				
38.7	-1.41	31.25	1438.10	144.6	-1.51	33.00	1441.80				
39.8	-1.42	31.26	1438.10	146.0	-1.52	33.02	1441.90				
40.9	-1.45	31.27	1438.00	147.2	-1.52	33.04	1441.90				
42.1	-1.46	31.27	1438.00	148.7	-1.52	33.06	1442.00				
43.4	-1.48	31.28	1438.00	150.3	-1.52	33.08	1442.00				
44.6	-1.49	31.29	1437.90	151.6	-1.52	33.10	1442.10				
46.0	-1.54	31.32	1437.80	153.1	-1.53	33.12	1442.10				
47.2	-1.56	31.34	1437.70	155.0	-1.53	33.14	1442.20				
48.2	-1.53	31.35	1437.90	156.6	-1.53	33.14	1442.20				
49.4	-1.46	31.40	1438.30	157.9	-1.53	33.16	1442.20				
50.5	-1.44	31.51	1438.60	159.4	-1.53	33.17	1442.30				
51.5	-1.43	31.58	1438.70	160.8	-1.53	33.19	1442.30				
52.7	-1.44	31.64	1438.80	162.4	-1.53	33.19	1442.40				
54.0	-1.42	31.66	1438.90	164.3	-1.53	33.20	1442.40				
55.0	-1.42	31.75	1439.10	165.8	-1.52	33.23	1442.50				
56.2	-1.41	31.83	1439.30	167.1	-1.52	33.25	1442.60				
57.3	-1.40	31.89	1439.40	168.5	-1.52	33.27	1442.60				
58.5	-1.38	31.94	1439.60	170.1	-1.52	33.26	1442.60				
59.5	-1.37	31.98	1439.70	171.4	-1.52	33.27	1442.60				
60.7	-1.38	32.01	1439.70	173.0	-1.52	33.27	1442.70				
61.8	-1.39	32.02	1439.70	174.8	-1.52	33.28	1442.70				
63.0	-1.39	32.03	1439.80	176.2	-1.52	33.29	1442.80				
64.1	-1.39	32.04	1439.80	177.6	-1.51	33.30	1442.80				
65.3	-1.41	32.07	1439.70	179.2	-1.51	33.32	1442.90				
66.6	-1.40	32.07	1439.80	180.6	-1.50	33.34	1443.00				
68.0	-1.39	32.09	1439.90	182.0	-1.49	33.36	1443.10				
69.1	-1.37	32.10	1440.00	183.4	-1.48	33.38	1443.20				
70.3	-1.38	32.12	1440.10	184.8	-1.48	33.40	1443.30				
71.3	-1.39	32.13	1440.00	186.3	-1.47	33.41	1443.30				
72.4	-1.41	32.15	1440.00	187.6	-1.45	33.44	1443.50				
73.6	-1.43	32.16	1439.90	189.1	-1.45	33.46	1443.60				
74.7	-1.45	32.18	1439.90	190.5	-1.43	33.48	1443.70				
75.9	-1.45	32.18	1439.90	191.9	-1.43	33.49	1443.70				
76.9	-1.45	32.19	1439.90	193.2	-1.39	33.53	1444.00				
77.9	-1.45	32.19	1439.90	194.6	-1.39	33.55	1444.00				
79.0	-1.45	32.19	1440.00	196.0	-1.38	33.57	1444.10				
80.0	-1.44	32.19	1440.00	197.5	-1.38	33.58	1444.20				
81.3	-1.42	32.20	1440.10	198.9	-1.36	33.60	1444.30				
82.4	-1.41	32.21	1440.20	200.8	-1.35	33.62	1444.40				
83.6	-1.40	32.22	1440.30	202.2	-1.33	33.63	1444.60				
84.7	-1.41	32.24	1440.30	203.6	-1.32	33.65	1444.70				
85.9	-1.40	32.25	1440.40	204.9	-1.29	33.67	1444.90				
86.9	-1.41	32.26	1440.40	206.3	-1.26	33.69	1445.00				
87.9	-1.41	32.27	1440.40	207.7	-1.25	33.72	1445.10				
89.1	-1.42	32.28	1440.40	209.5	-1.22	33.74	1445.40				
90.3	-1.42	32.28	1440.40	211.0	-1.19	33.76	1445.60				
91.4	-1.40	32.29	1440.50	212.3	-1.15	33.80	1445.80				
92.7	-1.42	32.31	1440.50	213.7	-1.12	33.83	1446.00				
93.8	-1.43	32.39	1440.60	215.1	-1.10	33.85	1446.20				
94.9	-1.44	32.33	1440.50	216.5	-1.06	33.88	1446.40				



MIZPAC 85  
 DATE: 85/08/21  
 LAT: 71 29.5 N

DROP# 3 DOWN  
 TIME: 23:00:00  
 LON: 134 15.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	-0.19	21.36	1429.70	101.3	-1.45	32.48	1440.70	221.8	-0.90	34.03	1447.40
0.6	-0.22	21.23	1429.50	102.2	-1.45	32.63	1440.90	223.8	-0.88	34.06	1447.60
1.5	-1.48	22.51	1425.20	103.1	-1.45	32.64	1441.00	225.2	-0.85	34.08	1447.80
2.5	-1.49	27.80	1432.40	104.8	-1.45	32.66	1441.00	226.6	-0.83	34.11	1448.00
3.6	-1.49	28.62	1433.60	106.4	-1.46	32.68	1441.00	228.3	-0.80	34.14	1448.20
4.8	-1.49	28.80	1433.80	107.6	-1.46	32.70	1441.10	229.7	-0.75	34.17	1448.50
5.9	-1.49	28.87	1434.00	108.8	-1.47	32.72	1441.10	231.1	-0.74	34.19	1448.60
7.3	-1.49	28.91	1434.00	109.9	-1.47	32.74	1441.10	233.1	-0.71	34.21	1448.80
8.4	-1.49	28.92	1434.10	111.2	-1.47	32.75	1441.20	234.9	-0.68	34.24	1449.00
9.4	-1.49	28.92	1434.10	112.4	-1.47	32.76	1441.20				
10.2	-1.48	28.93	1434.10	113.7	-1.47	32.78	1441.20				
10.2	-1.48	28.96	1434.20	114.9	-1.48	32.79	1441.30				
10.3	-1.48	28.97	1434.20	116.0	-1.48	32.81	1441.30				
10.3	-1.48	28.99	1434.20	117.6	-1.48	32.83	1441.30				
10.3	-1.48	28.99	1434.20	119.4	-1.48	32.85	1441.40				
10.3	-1.48	28.98	1434.20	120.9	-1.49	32.86	1441.40				
10.3	-1.48	28.98	1434.20	122.1	-1.49	32.87	1441.40				
10.2	-1.48	28.98	1434.20	123.2	-1.49	32.88	1441.50				
10.2	-1.48	28.97	1434.20	124.4	-1.49	32.89	1441.50				
10.6	-1.48	28.93	1434.10	125.8	-1.49	32.90	1441.50				
12.2	-1.48	28.94	1434.20	127.0	-1.50	32.92	1441.50				
13.2	-1.48	28.96	1434.20	128.1	-1.50	32.94	1441.60				
14.4	-1.48	28.98	1434.30	129.4	-1.50	32.96	1441.60				
15.6	-1.47	29.00	1434.40	131.1	-1.51	32.97	1441.60				
16.8	-1.46	29.02	1434.40	132.3	-1.51	32.98	1441.70				
18.0	-1.45	29.02	1434.50	134.2	-1.51	33.00	1441.70				
19.0	-1.29	29.24	1435.60	135.4	-1.51	33.01	1441.70				
20.2	-1.23	29.45	1436.20	136.7	-1.51	33.03	1441.80				
21.3	-1.21	29.56	1436.50	138.1	-1.52	33.05	1441.80				
22.6	-1.19	29.62	1436.70	139.3	-1.52	33.07	1441.80				
23.6	-1.15	29.75	1437.00	141.0	-1.55	33.09	1441.80				
25.2	-1.12	30.01	1437.60	142.2	-1.55	33.10	1441.80				
26.4	-1.09	30.24	1438.10	143.6	-1.55	33.12	1441.80				
27.8	-1.05	30.56	1438.70	144.8	-1.55	33.13	1441.90				
29.1	-1.03	30.68	1439.00	146.6	-1.56	33.15	1441.90				
30.3	-1.03	30.85	1439.30	148.0	-1.56	33.16	1441.90				
31.5	-1.12	30.98	1439.00	149.3	-1.55	33.17	1442.00				
32.8	-1.23	31.05	1438.60	151.1	-1.55	33.19	1442.10				
34.7	-1.25	31.07	1438.60	152.3	-1.55	33.20	1442.10				
35.9	-1.16	31.09	1439.10	153.7	-1.55	33.22	1442.10				
37.3	-1.21	31.13	1438.90	155.0	-1.56	33.24	1442.10				
38.5	-1.23	31.15	1438.90	156.2	-1.56	33.25	1442.20				
40.6	-1.25	31.18	1438.90	157.6	-1.56	33.27	1442.20				
42.4	-1.30	31.23	1438.70	158.9	-1.56	33.28	1442.30				
43.9	-1.31	31.24	1438.70	160.2	-1.56	33.28	1442.30				
45.2	-1.32	31.26	1438.70	161.9	-1.56	33.29	1442.30				
46.5	-1.30	31.28	1438.90	163.7	-1.55	33.30	1442.40				
47.8	-1.39	31.38	1438.60	165.5	-1.55	33.31	1442.50				
49.5	-1.38	31.42	1438.70	166.8	-1.55	33.33	1442.50				
50.8	-1.41	31.48	1438.70	168.5	-1.54	33.37	1442.70				
52.4	-1.40	31.54	1438.80	169.8	-1.53	33.36	1442.70				
53.7	-1.43	31.58	1438.80	171.3	-1.52	33.37	1442.80				
54.9	-1.38	31.61	1439.10	172.6	-1.51	33.38	1442.90				
56.9	-1.45	31.75	1439.00	174.0	-1.50	33.40	1443.00				
58.5	-1.43	31.78	1439.10	175.5	-1.50	33.41	1443.00				
60.2	-1.38	31.81	1439.40	177.3	-1.49	33.44	1443.10				
61.3	-1.38	31.86	1439.50	179.2	-1.48	33.44	1443.20				
62.7	-1.32	31.89	1439.90	180.9	-1.47	33.46	1443.30				
64.0	-1.32	31.93	1440.00	182.3	-1.46	33.47	1443.40				
65.3	-1.33	31.97	1440.00	184.2	-1.44	33.49	1443.50				
66.9	-1.33	32.00	1440.10	185.5	-1.43	33.51	1443.70				
68.1	-1.43	32.06	1439.70	186.9	-1.42	33.52	1443.70				
69.2	-1.46	32.06	1439.50	188.2	-1.40	33.54	1443.90				
70.4	-1.45	32.06	1439.60	189.7	-1.39	33.56	1444.00				
72.0	-1.44	32.10	1439.80	191.1	-1.37	33.58	1444.10				
73.3	-1.43	32.11	1439.80	192.5	-1.35	33.60	1444.20				
74.6	-1.43	32.15	1439.90	193.8	-1.32	33.63	1444.40				
76.2	-1.46	32.20	1439.90	195.2	-1.32	33.64	1444.50				
78.0	-1.46	32.23	1440.00	196.6	-1.30	33.65	1444.60				
79.7	-1.44	32.26	1440.10	198.1	-1.29	33.67	1444.70				
81.3	-1.43	32.30	1440.20	199.2	-1.29	33.68	1444.80				
82.6	-1.41	32.31	1440.30	200.8	-1.27	33.69	1444.90				
84.3	-1.42	32.34	1440.40	200.3	-1.28	33.69	1444.90				
85.9	-1.44	32.37	1440.40	201.7	-1.26	33.70	1445.00				
87.1	-1.44	32.39	1440.40	203.0	-1.25	33.71	1445.10				
88.4	-1.45	32.41	1440.40	204.9	-1.20	33.74	1445.40				
89.6	-1.45	32.43	1440.50	206.9	-1.16	33.78	1445.60				
90.9	-1.45	32.45	1440.50	208.6	-1.14	33.81	1445.80				
92.7	-1.44	32.48	1440.60	210.2	-1.13	33.82	1445.90				
93.8	-1.44	32.50	1440.70	211.6	-1.11	33.85	1446.10				
95.1	-1.44	32.51	1440.70	213.0	-1.09	33.87	1446.20				
96.2	-1.45	32.53	1440.70	214.4	-1.08	33.89	1446.30				
97.7	-1.45	32.56	1440.80	215.8	-1.05	33.91	1446.50				
98.9	-1.45	32.58	1440.80	217.3	-1.02	33.92	1446.70				
100.3	-1.45	32.61	1440.90	219.6	-0.94	33.99	1447.20				



MIZPAC 85  
 DATE: 85/08/24  
 LAT: 71 42.9 N

DROP# 4 DOWN  
 TIME: 17:00:00  
 LON: 134 15.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.1	-1.49	27.84	1432.40	101.9	-1.52	32.64	1440.60	221.7	-0.39	34.48	1450.50
2.1	-1.49	28.16	1432.90	102.8	-1.52	32.65	1440.70	223.1	-0.38	34.48	1450.50
3.3	-1.49	28.19	1432.90	103.3	-1.52	32.67	1440.70	224.5	-0.37	34.49	1450.60
4.4	-1.49	28.19	1433.00	103.9	-1.52	32.67	1440.70	225.9	-0.36	34.50	1450.70
5.6	-1.49	28.20	1433.00	104.9	-1.52	32.69	1440.70	227.3	-0.35	34.50	1450.80
6.8	-1.47	28.22	1433.10	105.9	-1.52	32.71	1440.80	228.8	-0.32	34.51	1450.90
8.1	-1.46	28.25	1433.30	107.2	-1.52	32.72	1440.80	230.2	-0.31	34.52	1451.00
9.3	-1.46	28.27	1433.30	108.2	-1.52	32.74	1440.80	231.6	-0.30	34.52	1451.10
10.7	-1.46	28.27	1433.30	109.3	-1.52	32.75	1440.90	232.9	-0.29	34.53	1451.20
11.8	-1.46	28.27	1433.30	110.6	-1.54	32.77	1440.90	234.3	-0.28	34.53	1451.30
12.7	-1.46	28.27	1433.40	111.7	-1.53	32.79	1440.90	235.8	-0.26	34.54	1451.40
13.5	-1.46	28.28	1433.40	112.9	-1.54	32.81	1441.00	237.1	-0.25	34.55	1451.50
14.4	-1.46	28.28	1433.40	114.0	-1.55	32.83	1441.00	238.5	-0.23	34.55	1451.50
15.9	-1.46	28.28	1433.40	115.3	-1.53	32.82	1441.10	239.9	-0.22	34.55	1451.70
16.8	-1.46	28.28	1433.40	116.5	-1.54	32.86	1441.00	241.2	-0.21	34.56	1451.70
18.0	-1.45	28.28	1433.50	117.8	-1.54	32.87	1441.10	242.6	-0.19	34.57	1451.90
19.2	-1.45	28.29	1433.50	119.0	-1.54	32.89	1441.10	244.1	-0.18	34.57	1451.90
20.2	-1.44	28.31	1433.60	122.8	-1.56	32.97	1441.30	245.4	-0.16	34.58	1452.00
21.4	-1.40	28.40	1434.00	124.2	-1.56	32.99	1441.30	246.7	-0.15	34.58	1452.10
22.6	-1.33	28.48	1434.40	125.5	-1.56	33.01	1441.30	248.1	-0.14	34.59	1452.20
23.9	-1.24	28.76	1435.30	126.7	-1.57	33.04	1441.40	249.6	-0.13	34.59	1452.30
24.9	-1.16	29.09	1436.10	128.1	-1.57	33.06	1441.40	251.1	-0.12	34.60	1452.30
26.2	-1.11	29.36	1436.70	129.5	-1.57	33.08	1441.50	252.3	-0.12	34.60	1452.40
27.4	-1.08	29.59	1437.20	130.8	-1.57	33.12	1441.50	253.8	-0.11	34.60	1452.40
28.6	-1.09	29.77	1437.50	132.1	-1.57	33.13	1441.60	255.2	-0.10	34.61	1452.50
29.8	-1.12	29.90	1437.50	133.4	-1.57	33.15	1441.60	256.5	-0.09	34.61	1452.60
30.9	-1.16	30.06	1437.60	134.8	-1.56	33.19	1441.70	258.0	-0.07	34.62	1452.70
32.1	-1.16	30.12	1437.70	136.0	-1.56	33.19	1441.80	259.4	-0.06	34.62	1452.80
33.4	-1.17	30.17	1437.70	137.3	-1.56	33.20	1441.80	260.7	-0.06	34.62	1452.80
34.7	-1.19	30.29	1437.80	138.6	-1.56	33.20	1441.80	262.2	-0.05	34.63	1452.90
35.9	-1.21	30.40	1437.90	139.9	-1.56	33.21	1441.90	263.7	-0.03	34.63	1453.00
37.1	-1.23	30.48	1437.90	141.3	-1.55	33.24	1442.00	265.0	-0.02	34.63	1453.10
38.4	-1.24	30.53	1437.90	142.5	-1.53	33.29	1442.20	266.5	-0.01	34.64	1453.20
39.5	-1.26	30.58	1437.90	143.9	-1.52	33.31	1442.20	267.9	0.00	34.64	1453.20
40.7	-1.29	30.63	1437.90	145.7	-1.51	33.33	1442.30	269.2	0.01	34.64	1453.30
41.9	-1.27	30.65	1438.00	147.0	-1.49	33.37	1442.50	270.6	0.02	34.65	1453.40
43.0	-1.29	30.69	1438.00	148.6	-1.45	33.43	1442.80	272.0	0.04	34.65	1453.50
44.2	-1.31	30.72	1438.00	150.0	-1.44	33.45	1442.90	273.5	0.05	34.65	1453.60
45.5	-1.41	30.78	1437.60	151.4	-1.42	33.49	1443.10	274.9	0.06	34.67	1453.60
47.2	-1.50	30.85	1437.30	152.7	-1.41	33.50	1443.20	276.3	0.07	34.66	1453.70
48.5	-1.50	30.88	1437.40	154.2	-1.39	33.51	1443.30	277.8	0.08	34.67	1453.80
49.6	-1.51	30.92	1437.40	155.5	-1.38	33.53	1443.40	279.2	0.09	34.67	1453.80
50.9	-1.49	31.01	1437.70	156.8	-1.35	33.56	1443.60	280.5	0.10	34.67	1453.90
52.1	-1.40	31.14	1438.30	158.2	-1.33	33.58	1443.80	282.0	0.10	34.68	1454.00
53.1	-1.45	31.27	1438.20	159.5	-1.28	33.62	1444.10	283.4	0.11	34.68	1454.00
54.4	-1.44	31.36	1438.40	160.9	-1.26	33.65	1444.20	284.7	0.11	34.68	1454.10
55.4	-1.46	31.45	1438.50	162.3	-1.24	33.69	1444.40	286.2	0.12	34.68	1454.10
56.7	-1.47	31.61	1438.70	163.6	-1.21	33.70	1444.60	287.6	0.13	34.68	1454.20
57.8	-1.47	31.67	1438.80	165.0	-1.20	33.74	1444.70	289.1	0.14	34.69	1454.30
58.9	-1.47	31.72	1438.80	166.4	-1.15	33.76	1445.00	290.4	0.15	34.69	1454.30
60.4	-1.46	31.82	1439.10	167.7	-1.13	33.79	1445.20	291.8	0.15	34.69	1454.40
61.7	-1.47	31.89	1439.10	169.0	-1.12	33.82	1445.30				
62.7	-1.46	31.93	1439.20	170.4	-1.11	33.83	1445.40				
63.9	-1.47	31.98	1439.30	171.8	-1.08	33.86	1445.60				
65.0	-1.47	32.02	1439.40	173.1	-1.04	33.89	1445.80				
66.4	-1.47	32.07	1439.50	174.5	-1.01	33.92	1446.00				
67.7	-1.49	32.10	1439.50	176.0	-1.00	33.94	1446.10				
68.7	-1.49	32.12	1439.50	177.2	-0.98	33.95	1446.20				
70.0	-1.49	32.14	1439.60	178.6	-0.98	33.99	1446.30				
71.1	-1.48	32.16	1439.60	179.9	-0.94	34.00	1446.50				
72.3	-1.48	32.17	1439.70	181.7	-0.89	34.04	1446.90				
73.7	-1.48	32.19	1439.70	188.6	-0.74	34.15	1447.80				
75.0	-1.49	32.22	1439.80	190.4	-0.73	34.17	1447.90				
76.1	-1.49	32.25	1439.80	191.8	-0.71	34.18	1448.00				
77.2	-1.47	32.27	1439.90	193.2	-0.69	34.20	1448.20				
78.3	-1.50	32.29	1439.80	194.5	-0.68	34.21	1448.30				
79.4	-1.49	32.31	1439.90	195.9	-0.65	34.23	1448.50				
80.5	-1.49	32.33	1440.00	197.3	-0.62	34.26	1448.70				
81.7	-1.49	32.35	1440.00	198.6	-0.60	34.28	1448.80				
82.8	-1.49	32.37	1440.10	200.2	-0.59	34.30	1448.90				
84.0	-1.50	32.40	1440.10	201.5	-0.58	34.31	1449.00				
85.1	-1.49	32.42	1440.20	202.8	-0.57	34.32	1449.10				
86.4	-1.49	32.44	1440.20	204.2	-0.56	34.33	1449.20				
87.5	-1.50	32.46	1440.30	205.6	-0.54	34.35	1449.30				
88.8	-1.50	32.48	1440.30	206.9	-0.53	34.36	1449.40				
90.0	-1.49	32.50	1440.40	208.3	-0.52	34.38	1449.50				
91.2	-1.49	32.51	1440.40	209.6	-0.49	34.38	1449.70				
92.4	-1.49	32.52	1440.50	210.9	-0.47	34.40	1449.80				
93.7	-1.49	32.54	1440.50	212.1	-0.45	34.42	1449.90				
94.8	-1.49	32.55	1440.50	213.7	-0.44	34.42	1450.00				
96.1	-1.50	32.57	1440.50	215.0	-0.43	34.44	1450.10				
97.3	-1.50	32.58	1440.60	216.4	-0.41	34.44	1450.20				
98.4	-1.51	32.62	1440.60	217.6	-0.41	34.46	1450.20				
99.6	-1.52	32.62	1440.50	219.0	-0.40	34.46	1450.30				
100.8	-1.52	32.63	1440.60	220.4	-0.39	34.47	1450.40				

MIZPAC 85  
 DATE: 85/08/24  
 LAT: 71 29.5 N

DROP# 5 DOWN  
 TIME: 18:00:00  
 LON: 142 58.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.8	-0.71	25.65	1433.10	111.4	-1.53	32.89	1441.10	239.7	-0.32	34.52	1451.10
2.7	-1.45	27.07	1431.60	113.0	-1.54	32.93	1441.10	241.2	-0.31	34.52	1451.20
4.0	-1.44	27.46	1432.20	114.5	-1.55	32.96	1441.10	242.6	-0.30	34.53	1451.30
5.3	-1.44	27.58	1432.40	115.9	-1.55	32.99	1441.20	244.1	-0.29	34.53	1451.30
6.8	-1.44	27.61	1432.50	118.0	-1.56	33.00	1441.20	245.5	-0.29	34.53	1451.40
8.4	-1.44	27.63	1432.50	119.5	-1.56	33.01	1441.20	247.0	-0.27	34.54	1451.50
9.7	-1.43	27.66	1432.60	120.9	-1.56	33.04	1441.30	248.3	-0.26	34.54	1451.60
10.9	-1.43	27.73	1432.70	122.5	-1.57	33.06	1441.30	249.8	-0.25	34.55	1451.60
11.9	-1.41	27.84	1433.00	124.1	-1.57	33.09	1441.40	251.3	-0.24	34.55	1451.70
13.1	-1.37	28.17	1433.60	125.7	-1.56	33.10	1441.50	252.9	-0.23	34.56	1451.80
14.2	-1.36	28.32	1434.00	127.1	-1.56	33.12	1441.50	254.2	-0.22	34.56	1451.90
15.4	-1.33	28.43	1434.30	128.6	-1.57	33.15	1441.50	255.6	-0.21	34.56	1452.00
16.5	-1.30	28.51	1434.50	130.1	-1.57	33.16	1441.60	257.0	-0.20	34.57	1452.00
17.6	-1.28	28.58	1434.70	131.6	-1.56	33.17	1441.70	258.5	-0.19	34.57	1452.10
18.8	-1.24	28.73	1435.20	133.2	-1.57	33.19	1441.70	260.0	-0.19	34.58	1452.10
19.8	-1.22	28.81	1435.40	134.5	-1.56	33.22	1441.80	261.4	-0.18	34.58	1452.20
21.1	-1.16	29.00	1435.90	136.0	-1.57	33.25	1441.80	262.8	-0.17	34.58	1452.30
22.4	-1.15	29.30	1436.40	137.5	-1.56	33.26	1441.90	264.3	-0.17	34.58	1452.30
23.6	-1.12	29.50	1436.80	138.9	-1.54	33.27	1442.00	265.6	-0.16	34.59	1452.40
24.8	-1.14	29.74	1437.10	140.4	-1.53	33.30	1442.20	267.0	-0.15	34.59	1452.40
26.1	-1.15	29.89	1437.30	141.9	-1.51	33.32	1442.30	268.5	-0.15	34.59	1452.50
27.3	-1.17	30.04	1437.40	143.2	-1.50	33.33	1442.40	269.9	-0.14	34.59	1452.60
28.6	-1.19	30.14	1437.50	144.7	-1.48	33.37	1442.50	271.4	-0.13	34.60	1452.60
29.9	-1.19	30.20	1437.60	146.1	-1.46	33.40	1442.70	272.6	-0.13	34.60	1452.70
31.1	-1.20	30.30	1437.70	147.5	-1.48	33.43	1442.70	274.1	-0.12	34.60	1452.70
32.2	-1.21	30.35	1437.80	148.9	-1.45	33.45	1442.90	275.4	-0.11	34.60	1452.80
33.5	-1.22	30.41	1437.80	150.4	-1.44	33.48	1443.00	276.9	-0.11	34.61	1452.80
34.7	-1.24	30.48	1437.80	151.9	-1.41	33.52	1443.20	278.2	-0.10	34.61	1452.90
36.0	-1.25	30.54	1437.90	153.2	-1.41	33.52	1443.20	279.8	-0.10	34.61	1452.90
37.3	-1.25	30.59	1438.00	154.6	-1.35	33.55	1443.60	281.1	-0.09	34.61	1453.00
38.6	-1.28	30.66	1437.90	156.2	-1.30	33.60	1443.90	282.5	-0.09	34.61	1453.00
39.9	-1.31	30.72	1437.90	157.7	-1.29	33.62	1444.00	283.9	-0.08	34.62	1453.10
41.2	-1.33	30.80	1438.00	159.2	-1.29	33.63	1444.10	285.4	-0.07	34.62	1453.20
42.4	-1.34	30.88	1438.00	160.8	-1.27	33.64	1444.20	286.7	-0.06	34.62	1453.20
43.7	-1.36	30.95	1438.10	162.4	-1.23	33.66	1444.40	288.2	-0.06	34.62	1453.30
45.0	-1.35	31.04	1438.30	163.8	-1.20	33.68	1444.60	289.6	-0.05	34.63	1453.30
46.1	-1.35	31.16	1438.40	165.5	-1.18	33.71	1444.80	291.1	-0.05	34.63	1453.40
47.4	-1.35	31.28	1438.60	167.0	-1.14	33.73	1445.00	292.5	-0.05	34.63	1453.40
48.7	-1.35	31.35	1438.70	168.5	-1.12	33.76	1445.20	293.9	-0.05	34.63	1453.40
50.0	-1.36	31.46	1438.90	170.1	-1.10	33.79	1445.30	294.6	-0.04	34.62	1453.40
51.3	-1.38	31.59	1439.00	171.6	-1.07	33.83	1445.50				
52.6	-1.41	31.73	1439.10	173.6	-1.07	33.85	1445.60				
54.0	-1.44	31.83	1439.10	175.1	-1.05	33.88	1445.80				
55.1	-1.42	31.89	1439.30	176.6	-1.00	33.88	1446.10				
56.4	-1.42	31.94	1439.40	178.1	-0.95	33.93	1446.40				
57.8	-1.44	31.99	1439.40	179.5	-0.92	33.96	1446.60				
59.1	-1.46	32.03	1439.40	181.0	-0.88	34.00	1446.80				
60.5	-1.46	32.05	1439.40	182.4	-0.86	34.03	1447.00				
61.7	-1.46	32.08	1439.50	184.1	-0.82	34.06	1447.30				
63.1	-1.46	32.12	1439.60	185.5	-0.79	34.09	1447.50				
64.4	-1.45	32.17	1439.70	187.0	-0.75	34.12	1447.70				
65.8	-1.46	32.20	1439.70	188.5	-0.73	34.15	1447.90				
67.2	-1.46	32.22	1439.70	189.9	-0.69	34.18	1448.10				
68.5	-1.47	32.27	1439.80	191.4	-0.66	34.21	1448.30				
69.9	-1.48	32.30	1439.80	193.0	-0.64	34.24	1448.50				
71.3	-1.48	32.32	1439.90	194.4	-0.62	34.26	1448.60				
72.7	-1.48	32.35	1439.90	195.9	-0.61	34.28	1448.70				
73.9	-1.49	32.37	1439.90	197.5	-0.60	34.30	1448.80				
75.2	-1.49	32.39	1440.00	199.0	-0.58	34.31	1449.00				
76.6	-1.49	32.41	1440.00	200.5	-0.56	34.32	1449.10				
77.9	-1.49	32.42	1440.10	201.9	-0.54	34.35	1449.20				
79.3	-1.49	32.44	1440.10	203.5	-0.53	34.35	1449.30				
80.4	-1.49	32.46	1440.10	205.0	-0.52	34.37	1449.40				
81.8	-1.49	32.47	1440.20	206.5	-0.51	34.38	1449.50				
83.2	-1.49	32.49	1440.20	208.0	-0.50	34.39	1449.60				
84.5	-1.50	32.52	1440.30	209.5	-0.49	34.40	1449.70				
85.9	-1.50	32.53	1440.30	211.0	-0.48	34.40	1449.70				
87.1	-1.51	32.55	1440.30	212.4	-0.47	34.42	1449.90				
88.5	-1.51	32.57	1440.40	213.9	-0.46	34.43	1449.90				
89.9	-1.51	32.58	1440.40	215.4	-0.46	34.44	1450.00				
91.2	-1.51	32.60	1440.50	217.1	-0.45	34.44	1450.00				
92.3	-1.51	32.62	1440.50	218.5	-0.44	34.45	1450.10				
93.7	-1.51	32.64	1440.50	219.8	-0.44	34.45	1450.20				
95.1	-1.51	32.66	1440.60	221.5	-0.43	34.46	1450.20				
96.3	-1.52	32.68	1440.60	222.9	-0.42	34.46	1450.30				
97.4	-1.52	32.70	1440.60	224.4	-0.40	34.47	1450.40				
98.8	-1.52	32.72	1440.70	225.9	-0.40	34.48	1450.50				
100.2	-1.53	32.74	1440.70	227.4	-0.38	34.48	1450.60				
101.4	-1.53	32.75	1440.70	229.0	-0.38	34.49	1450.60				
102.7	-1.52	32.76	1440.80	230.5	-0.37	34.49	1450.70				
104.1	-1.52	32.77	1440.80	232.1	-0.36	34.50	1450.80				
105.3	-1.53	32.80	1440.80	233.6	-0.35	34.50	1450.80				
106.9	-1.54	32.82	1440.90	235.1	-0.35	34.51	1450.90				
108.4	-1.54	32.84	1440.90	236.7	-0.34	34.51	1451.00				
109.8	-1.54	32.87	1441.00	238.2	-0.33	34.52	1451.10				

MIZPAC 85  
 DATE: 85/08/24  
 LAT: 71 14.0 N

DROP# 6 DOWN  
 TIME: 18:45:00  
 LON: 142 59.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.6	-1.44	26.49	1430.80	99.4	-1.49	32.58	1440.60	220.7	-0.52	34.35	1449.60
2.7	-1.44	27.31	1432.00	100.7	-1.50	32.60	1440.70	222.1	-0.51	34.37	1449.70
4.0	-1.44	27.41	1432.10	101.9	-1.51	32.61	1440.70	223.6	-0.50	34.38	1449.80
5.2	-1.44	27.44	1432.20	102.9	-1.51	32.63	1440.70	225.0	-0.49	34.39	1449.90
6.6	-1.44	27.46	1432.30	104.1	-1.51	32.64	1440.70	226.4	-0.47	34.40	1450.00
8.0	-1.44	27.47	1432.30	105.4	-1.50	32.64	1440.80	228.0	-0.46	34.41	1450.10
9.3	-1.43	27.50	1432.40	106.9	-1.52	32.67	1440.80	229.4	-0.43	34.42	1450.30
10.5	-1.42	27.53	1432.50	108.2	-1.51	32.68	1440.80	230.9	-0.42	34.44	1450.40
10.5	-1.42	27.52	1432.50	109.6	-1.51	32.70	1440.90	232.3	-0.41	34.45	1450.50
10.6	-1.42	27.52	1432.50	111.1	-1.52	32.72	1440.90	233.6	-0.40	34.46	1450.60
10.3	-1.42	27.53	1432.50	112.3	-1.53	32.73	1440.90	235.0	-0.38	34.47	1450.70
10.5	-1.42	27.53	1432.50	113.7	-1.53	32.75	1440.90	236.5	-0.37	34.48	1450.80
10.5	-1.42	27.55	1432.50	115.0	-1.54	32.77	1440.90	238.1	-0.35	34.49	1450.90
10.6	-1.42	27.55	1432.50	116.4	-1.54	32.79	1441.00	239.5	-0.34	34.49	1451.00
10.5	-1.42	27.55	1432.50	117.8	-1.54	32.80	1441.00	240.9	-0.33	34.50	1451.10
10.5	-1.42	27.55	1432.50	119.1	-1.54	32.81	1441.00	242.4	-0.32	34.50	1451.10
10.5	-1.42	27.55	1432.50	120.5	-1.55	32.84	1441.10	243.9	-0.31	34.51	1451.20
10.5	-1.42	27.55	1432.50	122.1	-1.55	32.85	1441.10	245.2	-0.29	34.51	1451.30
11.1	-1.42	27.56	1432.60	123.4	-1.55	32.86	1441.20	246.6	-0.28	34.52	1451.40
12.5	-1.41	27.59	1432.60	124.8	-1.55	32.88	1441.20	248.0	-0.26	34.53	1451.50
13.6	-1.40	27.61	1432.70	126.2	-1.56	32.90	1441.20	249.5	-0.26	34.53	1451.60
15.0	-1.39	27.64	1432.80	127.5	-1.55	32.91	1441.30	250.8	-0.25	34.54	1451.70
16.3	-1.38	27.68	1433.00	129.0	-1.55	32.92	1441.30	252.2	-0.24	34.55	1451.70
17.6	-1.32	27.78	1433.40	130.5	-1.55	32.94	1441.40	253.7	-0.23	34.55	1451.80
18.9	-1.15	28.43	1435.10	132.1	-1.54	32.96	1441.40	255.2	-0.21	34.55	1451.90
20.2	-1.09	28.94	1436.20	133.4	-1.56	32.98	1441.40	256.5	-0.19	34.56	1452.00
21.5	-1.08	29.08	1436.40	134.9	-1.56	33.00	1441.50	258.0	-0.19	34.57	1452.10
22.7	-1.09	29.15	1436.50	136.2	-1.56	33.02	1441.50	259.5	-0.18	34.57	1452.20
24.0	-1.08	29.33	1436.80	137.8	-1.57	33.05	1441.60	260.9	-0.16	34.58	1452.30
25.3	-1.07	29.50	1437.10	139.3	-1.57	33.08	1441.60	262.3	-0.15	34.58	1452.40
26.6	-1.07	29.67	1437.40	140.8	-1.57	33.10	1441.70	263.8	-0.14	34.59	1452.50
27.9	-1.08	29.84	1437.60	142.4	-1.56	33.12	1441.70	265.3	-0.13	34.59	1452.50
29.4	-1.14	30.09	1437.70	143.8	-1.56	33.13	1441.80	266.6	-0.11	34.59	1452.60
30.7	-1.20	30.25	1437.60	145.3	-1.57	33.14	1441.80	268.1	-0.10	34.60	1452.70
32.0	-1.25	30.39	1437.60	146.6	-1.56	33.16	1441.90	269.6	-0.09	34.60	1452.80
33.4	-1.29	30.44	1437.50	148.1	-1.55	33.17	1442.00	270.9	-0.08	34.61	1452.90
34.7	-1.31	30.51	1437.60	149.4	-1.55	33.19	1442.00	272.4	-0.06	34.62	1453.00
36.1	-1.16	30.52	1438.30	151.0	-1.56	33.20	1442.10	274.0	-0.06	34.62	1453.00
37.4	-1.22	30.60	1438.20	152.3	-1.56	33.21	1442.10	275.3	-0.05	34.62	1453.10
38.7	-1.24	30.67	1438.20	153.8	-1.55	33.22	1442.10	276.7	-0.05	34.63	1453.10
40.2	-1.33	30.72	1437.80	155.1	-1.55	33.24	1442.20	278.0	-0.04	34.62	1453.20
41.6	-1.36	30.75	1437.80	156.6	-1.55	33.26	1442.30	279.3	-0.02	34.63	1453.30
42.9	-1.38	30.79	1437.70	158.0	-1.54	33.28	1442.40	280.8	-0.02	34.64	1453.30
44.2	-1.38	30.79	1437.80	159.4	-1.53	33.30	1442.50	282.1	-0.02	34.64	1453.40
45.7	-1.42	30.88	1437.70	160.9	-1.52	33.32	1442.60	283.5	-0.01	34.64	1453.50
47.0	-1.44	30.95	1437.80	162.4	-1.50	33.34	1442.70	284.8	0.00	34.64	1453.50
48.5	-1.48	31.02	1437.70	163.8	-1.48	33.37	1442.80	286.0	0.00	34.64	1453.50
49.7	-1.46	31.10	1437.90	165.3	-1.47	33.40	1443.00	287.5	0.02	34.65	1453.60
51.0	-1.46	31.33	1438.20	166.7	-1.46	33.42	1443.10	288.8	0.04	34.65	1453.80
52.3	-1.47	31.43	1438.40	168.2	-1.44	33.45	1443.30	290.2	0.06	34.66	1453.90
53.5	-1.45	31.54	1438.60	170.2	-1.40	33.50	1443.50	291.5	0.07	34.66	1454.00
55.0	-1.45	31.64	1438.80	171.5	-1.38	33.53	1443.70	292.8	0.08	34.67	1454.00
56.3	-1.44	31.71	1438.90	173.1	-1.36	33.55	1443.80	294.2	0.09	34.67	1454.10
57.7	-1.44	31.78	1439.10	174.6	-1.32	33.60	1444.10	295.6	0.10	34.67	1454.20
59.0	-1.41	31.82	1439.30	176.1	-1.28	33.63	1444.40	297.1	0.11	34.68	1454.30
60.2	-1.44	31.90	1439.30	177.5	-1.26	33.66	1444.50	298.4	0.11	34.68	1454.30
61.6	-1.46	31.97	1439.30	178.9	-1.25	33.68	1444.60	299.7	0.12	34.68	1454.30
62.8	-1.46	32.03	1439.40	180.4	-1.21	33.70	1444.90	300.8	0.12	34.68	1454.40
64.1	-1.48	32.07	1439.40	181.9	-1.19	33.74	1445.00				
65.4	-1.49	32.11	1439.40	183.4	-1.17	33.76	1445.20				
66.8	-1.50	32.13	1439.40	184.8	-1.16	33.80	1445.30				
68.0	-1.50	32.15	1439.50	186.1	-1.14	33.84	1445.50				
69.4	-1.51	32.18	1439.50	187.6	-1.13	33.85	1445.60				
70.6	-1.49	32.20	1439.60	189.1	-1.10	33.87	1445.80				
72.0	-1.49	32.23	1439.70	190.5	-1.05	33.88	1446.00				
73.2	-1.50	32.25	1439.70	191.9	-1.02	33.92	1446.30				
74.6	-1.51	32.29	1439.70	193.3	-0.96	33.95	1446.60				
75.7	-1.49	32.27	1439.80	194.9	-0.95	33.98	1446.70				
77.1	-1.51	32.32	1439.80	196.2	-0.91	34.00	1446.90				
78.3	-1.55	32.33	1439.70	197.7	-0.88	34.04	1447.20				
79.7	-1.55	32.33	1439.70	199.1	-0.86	34.06	1447.30				
80.8	-1.53	32.33	1439.80	200.6	-0.83	34.08	1447.50				
82.2	-1.51	32.35	1439.90	201.9	-0.81	34.10	1447.70				
83.5	-1.51	32.36	1440.00	203.5	-0.77	34.12	1447.90				
84.8	-1.52	32.38	1440.00	204.9	-0.74	34.15	1448.10				
86.1	-1.47	32.38	1440.20	206.4	-0.71	34.18	1448.30				
87.4	-1.47	32.41	1440.30	207.8	-0.70	34.20	1448.40				
88.8	-1.47	32.43	1440.40	209.2	-0.68	34.22	1448.50				
90.1	-1.48	32.45	1440.40	210.6	-0.65	34.24	1448.70				
91.4	-1.49	32.49	1440.40	212.1	-0.63	34.26	1448.90				
92.7	-1.50	32.51	1440.40	213.6	-0.61	34.27	1449.00				
94.2	-1.50	32.52	1440.40	215.0	-0.59	34.29	1449.10				
95.4	-1.50	32.53	1440.50	216.4	-0.57	34.31	1449.30				
96.7	-1.49	32.55	1440.50	217.8	-0.54	34.33	1449.50				
98.1	-1.49	32.57	1440.60	219.3	-0.53	34.34	1449.60				



MIZPAC 85  
 DATE: 85/08/25  
 LAT: 71 10.2 N

DROP# 7 DOWN  
 TIME: 22:57:00  
 LON: 143 36.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.8	-1.42	27.51	1432.30	110.3	-1.52	32.70	1440.90	236.3	-0.38	34.47	1450.70
1.2	-1.42	27.55	1432.40	111.7	-1.52	32.71	1440.90	237.9	-0.37	34.48	1450.80
2.4	-1.42	27.58	1432.40	113.3	-1.53	32.72	1440.90	239.3	-0.35	34.49	1451.00
3.5	-1.42	27.59	1432.40	114.8	-1.52	32.73	1441.00	240.9	-0.34	34.50	1451.00
4.5	-1.42	27.60	1432.50	116.3	-1.51	32.75	1441.00	242.3	-0.32	34.51	1451.10
5.5	-1.42	27.60	1432.50	117.9	-1.51	32.77	1441.10	243.8	-0.31	34.51	1451.20
6.6	-1.42	27.60	1432.50	119.4	-1.51	32.79	1441.20	245.1	-0.29	34.52	1451.30
7.8	-1.42	27.61	1432.50	120.9	-1.52	32.82	1441.20	246.7	-0.29	34.53	1451.40
9.0	-1.42	27.61	1432.60	122.3	-1.52	32.85	1441.30	248.1	-0.27	34.53	1451.50
10.1	-1.42	27.66	1432.70	123.9	-1.52	32.87	1441.30	249.6	-0.25	34.54	1451.60
10.9	-1.42	27.61	1432.60	125.4	-1.53	32.90	1441.30	251.1	-0.24	34.55	1451.70
12.2	-1.42	27.61	1432.60	127.0	-1.54	32.94	1441.40	252.6	-0.23	34.55	1451.80
13.4	-1.40	27.65	1432.80	128.4	-1.55	32.96	1441.40	254.0	-0.23	34.55	1451.80
14.4	-1.38	27.69	1433.00	130.0	-1.55	32.97	1441.40	255.5	-0.22	34.56	1451.90
15.6	-1.37	27.83	1433.20	131.6	-1.55	32.98	1441.40	256.9	-0.20	34.56	1452.00
16.8	-1.35	27.93	1433.50	133.1	-1.56	33.01	1441.50	258.4	-0.19	34.57	1452.10
18.2	-1.25	28.09	1434.20	134.6	-1.56	33.03	1441.50	259.8	-0.18	34.58	1452.20
19.6	-1.20	28.25	1434.70	136.2	-1.56	33.04	1441.60	261.3	-0.16	34.58	1452.30
20.6	-1.17	28.46	1435.10	137.8	-1.56	33.07	1441.60	262.8	-0.15	34.59	1452.40
21.8	-1.14	28.69	1435.60	139.3	-1.56	33.08	1441.70	264.3	-0.14	34.59	1452.50
23.2	-1.13	28.88	1436.00	140.9	-1.56	33.09	1441.70	265.7	-0.13	34.59	1452.50
24.7	-1.12	29.07	1436.30	142.4	-1.56	33.12	1441.80	267.2	-0.12	34.60	1452.60
25.8	-1.11	29.35	1436.70	143.8	-1.56	33.14	1441.80	268.7	-0.11	34.60	1452.70
27.3	-1.12	29.50	1436.90	145.4	-1.56	33.15	1441.90	270.1	-0.10	34.61	1452.80
28.7	-1.13	29.63	1437.10	147.0	-1.54	33.18	1442.00	271.6	-0.10	34.61	1452.80
30.0	-1.13	29.82	1437.30	148.3	-1.55	33.21	1442.10	273.1	-0.08	34.62	1452.90
31.5	-1.14	29.97	1437.50	149.8	-1.54	33.22	1442.10	274.5	-0.06	34.62	1453.00
32.9	-1.17	30.17	1437.70	151.4	-1.54	33.24	1442.20	276.0	-0.05	34.62	1453.10
34.5	-1.27	30.49	1437.70	152.9	-1.53	33.27	1442.30	277.3	-0.04	34.63	1453.20
35.9	-1.28	30.54	1437.70	154.4	-1.53	33.29	1442.40	278.9	-0.03	34.63	1453.30
37.1	-1.28	30.56	1437.80	156.0	-1.53	33.31	1442.40	280.2	-0.02	34.64	1453.30
38.5	-1.30	30.59	1437.80	157.4	-1.52	33.33	1442.50	281.6	-0.02	34.64	1453.40
39.8	-1.34	30.64	1437.70	158.9	-1.50	33.35	1442.60	283.0	-0.01	34.65	1453.40
41.1	-1.36	30.72	1437.70	160.3	-1.49	33.38	1442.70	284.5	0.00	34.65	1453.50
42.5	-1.37	30.77	1437.80	161.9	-1.47	33.41	1442.90	285.9	0.01	34.65	1453.60
43.9	-1.39	30.90	1437.90	163.3	-1.46	33.43	1443.00	287.4	0.01	34.65	1453.60
45.2	-1.40	31.02	1438.00	164.8	-1.44	33.45	1443.20	288.7	0.02	34.65	1453.70
46.6	-1.40	31.14	1438.20	166.2	-1.43	33.47	1443.30	290.2	0.03	34.65	1453.80
48.1	-1.37	31.24	1438.50	167.7	-1.41	33.50	1443.40	291.6	0.04	34.66	1453.80
49.5	-1.36	31.47	1438.90	169.2	-1.39	33.51	1443.60	292.9	0.05	34.67	1453.90
50.8	-1.37	31.57	1439.00	170.7	-1.36	33.56	1443.80	294.3	0.07	34.66	1454.00
52.1	-1.37	31.64	1439.10	172.2	-1.33	33.58	1444.00	295.7	0.08	34.67	1454.10
53.5	-1.38	31.71	1439.20	173.7	-1.30	33.62	1444.20	297.1	0.08	34.67	1454.10
55.0	-1.40	31.79	1439.20	175.2	-1.29	33.64	1444.30	297.4	0.09	34.67	1454.10
56.3	-1.40	31.87	1439.30	176.8	-1.26	33.66	1444.50				
57.7	-1.43	31.94	1439.30	178.3	-1.23	33.71	1444.70				
59.1	-1.43	31.99	1439.40	179.9	-1.21	33.74	1444.90				
60.5	-1.44	32.03	1439.50	181.3	-1.19	33.76	1445.00				
61.8	-1.47	32.06	1439.40	183.0	-1.17	33.78	1445.20				
63.2	-1.47	32.08	1439.50	184.4	-1.13	33.82	1445.40				
64.6	-1.46	32.10	1439.50	186.0	-1.10	33.84	1445.70				
65.9	-1.46	32.13	1439.60	187.4	-1.08	33.87	1445.80				
67.3	-1.46	32.16	1439.70	188.9	-1.06	33.89	1446.00				
68.5	-1.47	32.19	1439.70	190.5	-1.04	33.91	1446.10				
69.7	-1.46	32.20	1439.80	192.0	-1.02	33.95	1446.30				
71.0	-1.46	32.22	1439.80	193.6	-0.98	33.97	1446.60				
72.3	-1.47	32.24	1439.80	194.2	-0.92	34.01	1446.90				
73.7	-1.48	32.27	1439.80	196.6	-0.88	34.04	1447.10				
74.8	-1.49	32.29	1439.90	198.1	-0.85	34.07	1447.40				
76.2	-1.48	32.29	1439.90	199.6	-0.81	34.09	1447.60				
77.5	-1.48	32.31	1440.00	201.1	-0.79	34.13	1447.80				
78.8	-1.48	32.34	1440.00	200.6	-0.79	34.13	1447.70				
80.0	-1.49	32.35	1440.00	202.2	-0.76	34.14	1447.90				
81.4	-1.49	32.38	1440.10	203.7	-0.72	34.17	1448.20				
82.7	-1.49	32.39	1440.10	205.2	-0.71	34.19	1448.30				
84.2	-1.49	32.40	1440.20	206.8	-0.68	34.21	1448.50				
85.6	-1.49	32.42	1440.20	208.3	-0.66	34.23	1448.60				
86.9	-1.50	32.44	1440.20	209.8	-0.63	34.25	1448.80				
88.3	-1.50	32.45	1440.20	211.2	-0.62	34.27	1448.90				
89.6	-1.49	32.46	1440.30	212.7	-0.59	34.29	1449.10				
90.9	-1.49	32.48	1440.30	214.3	-0.58	34.31	1449.20				
92.3	-1.49	32.49	1440.40	215.8	-0.56	34.33	1449.40				
93.5	-1.49	32.52	1440.40	217.2	-0.54	34.34	1449.50				
95.1	-1.49	32.53	1440.50	218.7	-0.54	34.35	1449.60				
96.4	-1.50	32.55	1440.50	220.2	-0.52	34.37	1449.70				
97.8	-1.50	32.57	1440.60	221.7	-0.49	34.38	1449.80				
99.2	-1.50	32.59	1440.60	223.1	-0.48	34.40	1449.90				
100.6	-1.50	32.60	1440.60	224.6	-0.47	34.41	1450.00				
101.7	-1.49	32.61	1440.70	226.0	-0.46	34.41	1450.10				
102.9	-1.49	32.63	1440.70	227.4	-0.45	34.42	1450.20				
103.1	-1.49	32.63	1440.80	228.9	-0.43	34.43	1450.30				
104.4	-1.49	32.64	1440.80	230.3	-0.41	34.44	1450.40				
105.8	-1.51	32.66	1440.70	231.8	-0.41	34.45	1450.50				
107.3	-1.52	32.67	1440.80	233.3	-0.40	34.46	1450.60				
108.8	-1.52	32.68	1440.80	234.8	-0.39	34.47	1450.70				

MIZPAC 85  
 DATE: 85/08/24  
 LAT: 71 35.0 N

DROP# 8 DOWN  
 TIME: 23:42:00  
 LON: 143 35.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.8	-1.05	27.31	1433.80	116.8	-1.52	32.81	1441.10	246.9	-0.31	34.52	1451.30
1.9	-1.45	28.02	1432.90	118.3	-1.52	32.83	1441.10	248.3	-0.30	34.53	1451.40
3.3	-1.45	28.06	1433.00	119.6	-1.53	32.84	1441.20	249.9	-0.28	34.53	1451.50
4.9	-1.44	28.07	1433.00	121.1	-1.53	32.85	1441.20	251.3	-0.26	34.54	1451.60
6.3	-1.45	28.08	1433.10	122.5	-1.53	32.88	1441.20	252.9	-0.25	34.55	1451.70
7.6	-1.45	28.09	1433.10	124.1	-1.54	32.89	1441.20	254.4	-0.24	34.56	1451.80
9.0	-1.45	28.10	1433.10	125.5	-1.54	32.90	1441.30	255.7	-0.23	34.56	1451.90
10.3	-1.45	28.12	1433.20	126.9	-1.54	32.92	1441.30	257.2	-0.21	34.56	1452.00
11.3	-1.45	28.13	1433.20	128.4	-1.54	32.95	1441.40	258.6	-0.20	34.57	1452.10
12.6	-1.44	28.13	1433.30	129.9	-1.55	32.96	1441.40	260.0	-0.17	34.57	1452.20
13.9	-1.44	28.14	1433.30	131.5	-1.55	32.99	1441.40	261.4	-0.17	34.58	1452.30
15.2	-1.43	28.16	1433.40	132.9	-1.57	33.00	1441.40	262.9	-0.16	34.59	1452.30
16.3	-1.42	28.19	1433.50	134.5	-1.56	33.01	1441.50	264.4	-0.15	34.59	1452.40
17.6	-1.42	28.23	1433.60	136.0	-1.57	33.04	1441.50	265.8	-0.14	34.60	1452.50
18.8	-1.41	28.27	1433.70	137.5	-1.57	33.06	1441.60	267.3	-0.12	34.60	1452.60
20.1	-1.37	28.42	1434.10	139.1	-1.57	33.09	1441.60	268.7	-0.12	34.61	1452.70
21.5	-1.36	28.55	1434.40	140.6	-1.57	33.11	1441.70	270.1	-0.10	34.61	1452.70
22.8	-1.32	28.63	1434.70	142.2	-1.57	33.13	1441.70	271.6	-0.10	34.61	1452.80
24.1	-1.20	28.92	1435.70	143.7	-1.56	33.14	1441.80	273.1	-0.09	34.62	1452.90
25.3	-1.17	29.21	1436.20	145.2	-1.56	33.17	1441.90	274.4	-0.08	34.62	1453.00
26.8	-1.15	29.33	1436.50	146.7	-1.56	33.18	1441.90	275.8	-0.06	34.62	1453.00
28.2	-1.14	29.59	1437.00	148.2	-1.55	33.21	1442.00	277.1	-0.05	34.63	1453.10
29.4	-1.14	29.77	1437.20	149.9	-1.55	33.23	1442.10	278.6	-0.04	34.63	1453.20
30.8	-1.15	29.87	1437.40	151.4	-1.54	33.26	1442.20	279.9	-0.03	34.63	1453.30
32.1	-1.15	29.96	1437.50	152.8	-1.54	33.28	1442.30	281.4	-0.02	34.64	1453.40
33.5	-1.16	30.08	1437.60	154.4	-1.53	33.31	1442.40	282.7	0.00	34.64	1453.50
35.1	-1.18	30.25	1437.80	155.9	-1.52	33.33	1442.50	284.0	0.01	34.65	1453.50
36.4	-1.21	30.36	1437.80	157.3	-1.51	33.35	1442.60	285.4	0.02	34.65	1453.60
38.0	-1.24	30.46	1437.90	158.8	-1.50	33.37	1442.70	286.8	0.03	34.66	1453.70
39.4	-1.27	30.53	1437.80	160.3	-1.49	33.39	1442.80	288.2	0.04	34.66	1453.80
40.6	-1.30	30.59	1437.80	161.9	-1.48	33.41	1442.90	289.6	0.05	34.66	1453.90
42.0	-1.32	30.62	1437.80	163.5	-1.46	33.43	1443.00	290.9	0.06	34.66	1453.90
43.4	-1.35	30.70	1437.70	164.9	-1.44	33.46	1443.20	292.3	0.08	34.67	1454.00
44.8	-1.37	30.76	1437.80	166.5	-1.41	33.49	1443.40	293.7	0.09	34.67	1454.10
46.3	-1.37	30.84	1437.90	167.9	-1.40	33.52	1443.50	295.1	0.10	34.68	1454.20
47.7	-1.38	30.97	1438.10	169.4	-1.39	33.53	1443.60	296.5	0.11	34.68	1454.20
49.0	-1.38	31.12	1438.30	171.0	-1.37	33.55	1443.70	297.7	0.11	34.68	1454.30
50.4	-1.38	31.26	1438.50	172.5	-1.33	33.57	1444.00	298.9	0.12	34.68	1454.30
51.8	-1.40	31.42	1438.70	174.2	-1.31	33.61	1444.10	298.9	0.12	34.68	1454.30
53.2	-1.40	31.53	1438.80	175.5	-1.28	33.65	1444.40				
54.6	-1.40	31.62	1439.00	177.2	-1.23	33.67	1444.70				
56.0	-1.40	31.70	1439.10	178.6	-1.21	33.71	1444.90				
57.3	-1.43	31.79	1439.10	180.1	-1.18	33.73	1445.00				
58.6	-1.45	31.90	1439.20	181.7	-1.15	33.77	1445.30				
60.2	-1.45	31.97	1439.30	183.1	-1.12	33.79	1445.50				
61.6	-1.48	32.03	1439.30	184.7	-1.10	33.82	1445.60				
63.0	-1.48	32.05	1439.40	186.2	-1.08	33.83	1445.80				
64.5	-1.47	32.08	1439.50	187.8	-1.05	33.87	1446.00				
65.9	-1.46	32.10	1439.60	189.2	-1.03	33.90	1446.10				
67.3	-1.46	32.12	1439.60	190.7	-1.01	33.92	1446.30				
68.9	-1.46	32.14	1439.60	192.1	-0.97	33.94	1446.50				
70.6	-1.46	32.17	1439.70	193.8	-0.94	33.97	1446.70				
72.0	-1.47	32.20	1439.70	195.3	-0.91	34.00	1446.90				
73.2	-1.48	32.22	1439.80	196.9	-0.88	34.02	1447.10				
74.8	-1.48	32.25	1439.80	198.4	-0.87	34.07	1447.30				
76.2	-1.48	32.28	1439.90	199.9	-0.80	34.10	1447.60				
77.6	-1.48	32.29	1439.90	201.5	-0.77	34.13	1447.80				
79.0	-1.49	32.32	1440.00	203.1	-0.75	34.15	1448.00				
80.3	-1.48	32.33	1440.00	204.5	-0.73	34.17	1448.20				
81.7	-1.48	32.35	1440.10	206.1	-0.70	34.19	1448.30				
83.1	-1.48	32.38	1440.10	207.8	-0.69	34.21	1448.50				
84.5	-1.48	32.40	1440.20	209.3	-0.66	34.23	1448.70				
85.9	-1.49	32.43	1440.20	210.9	-0.64	34.25	1448.80				
87.1	-1.49	32.45	1440.30	212.5	-0.63	34.27	1448.90				
88.5	-1.49	32.47	1440.30	214.1	-0.61	34.29	1449.00				
89.9	-1.49	32.48	1440.30	215.5	-0.59	34.29	1449.20				
91.3	-1.49	32.50	1440.40	217.2	-0.57	34.31	1449.30				
92.8	-1.49	32.52	1440.50	218.7	-0.56	34.33	1449.40				
94.0	-1.49	32.54	1440.50	220.2	-0.54	34.35	1449.50				
95.7	-1.49	32.55	1440.50	221.6	-0.53	34.35	1449.60				
96.9	-1.50	32.56	1440.60	223.2	-0.50	34.38	1449.80				
98.4	-1.50	32.59	1440.60	224.7	-0.48	34.39	1449.90				
99.8	-1.50	32.60	1440.60	226.4	-0.47	34.40	1450.00				
101.2	-1.50	32.63	1440.70	227.9	-0.46	34.42	1450.10				
102.6	-1.50	32.65	1440.70	229.5	-0.45	34.43	1450.20				
103.1	-1.50	32.67	1440.80	231.4	-0.44	34.43	1450.30				
104.3	-1.50	32.67	1440.80	233.1	-0.43	34.45	1450.40				
105.6	-1.50	32.68	1440.80	234.6	-0.42	34.45	1450.50				
106.9	-1.51	32.70	1440.90	236.2	-0.41	34.46	1450.60				
108.3	-1.51	32.72	1440.90	237.7	-0.40	34.47	1450.70				
109.7	-1.51	32.74	1440.90	239.2	-0.38	34.47	1450.70				
111.1	-1.51	32.75	1441.00	240.8	-0.37	34.49	1450.90				
112.5	-1.51	32.77	1441.00	242.3	-0.36	34.50	1450.90				
113.9	-1.51	32.79	1441.00	243.8	-0.35	34.51	1451.00				
115.3	-1.52	32.81	1441.10	245.2	-0.33	34.51	1451.20				

MIZPAC 85  
 DATE: 85/08/25  
 LAT: 71 25.0 N

DROP# 9 DOWN  
 TIME: 00:15:00  
 LON: 143 34.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.2	-1.35	26.97	1431.90	111.4	-1.53	32.51	1440.50	237.2	-0.49	34.40	1450.10
1.5	-1.38	27.19	1432.10	112.9	-1.54	32.53	1440.50	238.7	-0.48	34.41	1450.20
2.7	-1.42	27.74	1432.70	114.3	-1.54	32.54	1440.60	240.1	-0.48	34.42	1450.30
3.9	-1.42	27.80	1432.80	115.7	-1.53	32.55	1440.70	241.5	-0.47	34.42	1450.30
5.2	-1.42	27.83	1432.80	117.3	-1.53	32.56	1440.70	243.0	-0.46	34.44	1450.40
6.6	-1.42	27.84	1432.90	118.7	-1.52	32.59	1440.80	244.2	-0.43	34.44	1450.60
8.1	-1.42	27.85	1432.90	120.1	-1.53	32.60	1440.80	245.6	-0.42	34.45	1450.70
9.4	-1.42	27.87	1432.90	121.5	-1.52	32.62	1440.90	247.2	-0.42	34.47	1450.70
10.6	-1.42	27.93	1433.10	122.8	-1.53	32.63	1440.90	248.6	-0.41	34.47	1450.80
11.4	-1.41	27.98	1433.20	124.4	-1.53	32.66	1441.00	249.9	-0.40	34.47	1450.90
12.7	-1.41	28.02	1433.20	125.8	-1.54	32.67	1441.00	251.3	-0.39	34.49	1451.00
14.0	-1.40	28.04	1433.30	127.1	-1.53	32.69	1441.10	252.8	-0.37	34.49	1451.10
15.6	-1.35	28.18	1433.80	129.1	-1.53	32.72	1441.10	254.3	-0.36	34.50	1451.10
16.9	-1.25	28.73	1435.00	130.5	-1.53	32.75	1441.20	255.6	-0.35	34.50	1451.20
18.4	-1.16	29.44	1436.50	131.8	-1.54	32.77	1441.20	257.0	-0.33	34.51	1451.40
19.8	-1.14	29.78	1437.10	133.4	-1.53	32.79	1441.30	258.6	-0.32	34.52	1451.40
21.1	-1.15	30.00	1437.40	134.9	-1.54	32.81	1441.30	260.0	-0.31	34.53	1451.50
22.6	-1.19	30.11	1437.30	136.4	-1.53	32.83	1441.40	261.4	-0.29	34.53	1451.60
24.0	-1.25	30.20	1437.20	137.7	-1.54	32.85	1441.40	262.8	-0.28	34.54	1451.70
25.5	-1.29	30.32	1437.20	139.8	-1.54	32.88	1441.50	264.1	-0.28	34.54	1451.80
27.0	-1.31	30.40	1437.30	141.3	-1.54	32.92	1441.50	265.6	-0.26	34.55	1451.80
28.5	-1.32	30.43	1437.30	143.2	-1.55	32.95	1441.60	267.0	-0.25	34.55	1451.90
29.9	-1.34	30.52	1437.30	144.7	-1.55	32.97	1441.60	268.4	-0.24	34.55	1452.00
31.5	-1.38	30.61	1437.30	146.0	-1.55	32.99	1441.70	269.8	-0.22	34.56	1452.10
32.9	-1.40	30.67	1437.30	147.4	-1.56	33.00	1441.70	271.3	-0.21	34.57	1452.20
34.3	-1.41	30.69	1437.30	148.9	-1.56	33.02	1441.70	272.5	-0.19	34.57	1452.30
35.8	-1.42	30.75	1437.40	150.4	-1.56	33.04	1441.80	274.0	-0.18	34.58	1452.40
37.3	-1.45	30.83	1437.40	151.9	-1.57	33.06	1441.80	275.4	-0.17	34.59	1452.50
38.7	-1.44	30.90	1437.50	153.3	-1.57	33.08	1441.90	276.8	-0.14	34.58	1452.70
40.3	-1.44	31.06	1437.80	154.8	-1.57	33.10	1441.90	278.1	-0.11	34.59	1452.80
41.7	-1.44	31.24	1438.10	156.2	-1.57	33.12	1442.00	279.5	-0.10	34.61	1452.90
43.3	-1.43	31.38	1438.30	157.7	-1.57	33.13	1442.00	280.9	-0.10	34.61	1452.90
44.7	-1.42	31.54	1438.60	159.0	-1.57	33.15	1442.10	282.4	-0.08	34.61	1453.00
46.1	-1.43	31.62	1438.70	160.5	-1.57	33.17	1442.10	283.7	-0.07	34.62	1453.10
47.7	-1.44	31.74	1438.90	162.4	-1.57	33.19	1442.20	285.2	-0.06	34.62	1453.20
49.0	-1.45	31.84	1439.00	163.9	-1.57	33.20	1442.20	286.5	-0.05	34.62	1453.30
50.4	-1.46	31.91	1439.00	165.3	-1.56	33.21	1442.30	287.9	-0.03	34.63	1453.40
51.9	-1.47	31.96	1439.10	166.8	-1.55	33.23	1442.40	289.4	-0.02	34.64	1453.50
53.5	-1.48	32.02	1439.10	168.3	-1.55	33.25	1442.40	290.7	0.00	34.64	1453.60
55.0	-1.49	32.07	1439.20	170.7	-1.52	33.28	1442.60	292.3	0.01	34.64	1453.70
56.4	-1.50	32.10	1439.20	172.1	-1.52	33.31	1442.70	293.5	0.02	34.65	1453.70
58.0	-1.51	32.15	1439.30	173.6	-1.53	33.33	1442.70				
59.5	-1.52	32.19	1439.30	175.1	-1.50	33.34	1442.90				
60.9	-1.52	32.21	1439.40	176.6	-1.49	33.37	1443.00				
62.5	-1.52	32.24	1439.40	178.0	-1.47	33.39	1443.20				
64.0	-1.52	32.25	1439.50	179.3	-1.45	33.41	1443.30				
65.5	-1.52	32.27	1439.50	180.9	-1.46	33.43	1443.30				
67.1	-1.53	32.28	1439.50	182.3	-1.44	33.46	1443.50				
68.7	-1.53	32.29	1439.50	183.7	-1.40	33.50	1443.70				
70.0	-1.54	32.30	1439.50	185.3	-1.36	33.54	1444.00				
71.5	-1.54	32.31	1439.60	186.7	-1.34	33.59	1444.20				
73.1	-1.54	32.31	1439.60	188.1	-1.32	33.61	1444.40				
74.5	-1.54	32.32	1439.60	189.7	-1.30	33.64	1444.50				
76.0	-1.55	32.33	1439.60	191.1	-1.27	33.66	1444.70				
77.4	-1.56	32.34	1439.60	192.5	-1.25	33.71	1444.90				
78.9	-1.56	32.34	1439.60	194.0	-1.26	33.73	1444.90				
80.4	-1.56	32.35	1439.70	195.5	-1.22	33.74	1445.10				
81.8	-1.56	32.36	1439.70	196.9	-1.23	33.76	1445.10				
83.3	-1.56	32.36	1439.70	198.4	-1.17	33.80	1445.50				
84.7	-1.56	32.37	1439.80	199.7	-1.13	33.83	1445.70				
86.1	-1.56	32.37	1439.80	201.2	-1.09	33.86	1446.00				
87.5	-1.56	32.38	1439.80	202.5	-1.05	33.88	1446.20				
88.8	-1.56	32.38	1439.90	203.9	-1.04	33.92	1446.40				
90.1	-1.55	32.38	1439.90	205.5	-1.02	33.95	1446.50				
91.8	-1.56	32.39	1439.90	207.0	-0.99	33.97	1446.70				
93.2	-1.55	32.40	1440.00	208.4	-0.96	33.99	1446.90				
94.5	-1.55	32.41	1440.00	209.9	-0.94	34.02	1447.10				
96.1	-1.55	32.42	1440.10	211.2	-0.91	34.04	1447.30				
97.4	-1.55	32.43	1440.10	212.7	-0.86	34.06	1447.50				
98.8	-1.55	32.44	1440.10	214.1	-0.86	34.08	1447.60				
100.3	-1.55	32.44	1440.20	215.5	-0.84	34.09	1447.70				
101.6	-1.55	32.45	1440.20	216.9	-0.82	34.11	1447.80				
101.9	-1.55	32.45	1440.20	218.3	-0.81	34.12	1447.90				
101.9	-1.55	32.50	1440.20	219.7	-0.77	34.13	1448.10				
102.1	-1.55	32.46	1440.20	221.4	-0.73	34.17	1448.50				
100.7	-1.55	32.47	1440.20	222.8	-0.69	34.21	1448.70				
100.7	-1.55	32.47	1440.20	224.3	-0.66	34.24	1448.90				
100.7	-1.55	32.47	1440.20	225.7	-0.63	34.26	1449.10				
101.7	-1.55	32.46	1440.20	227.2	-0.61	34.28	1449.30				
103.1	-1.55	32.46	1440.20	228.6	-0.60	34.30	1449.40				
104.6	-1.55	32.47	1440.30	230.1	-0.58	34.31	1449.50				
105.9	-1.55	32.48	1440.30	231.6	-0.57	34.33	1449.60				
107.3	-1.54	32.48	1440.40	232.8	-0.55	34.35	1449.70				
108.7	-1.54	32.49	1440.40	234.2	-0.52	34.37	1449.90				
110.1	-1.53	32.50	1440.50	235.8	-0.51	34.38	1450.00				



MIZPAC 85  
 DATE: 85/08/25  
 LAT: 70 44.4 N

DROP# 10 DOWN  
 TIME: 06:13:00  
 LON: 144 48.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
7.7	-1.21	26.99	1432.70	72.2	-1.51	32.16	1439.50	111.9	-1.53	32.39	1440.40
8.1	-1.26	27.74	1433.50	72.7	-1.52	32.17	1439.50	112.4	-1.53	32.38	1440.40
8.5	-1.29	28.25	1434.10	73.2	-1.52	32.16	1439.50	112.9	-1.53	32.39	1440.40
9.0	-1.31	28.74	1434.70	73.6	-1.51	32.16	1439.50	113.3	-1.53	32.40	1440.40
9.3	-1.31	28.68	1434.60	74.5	-1.51	32.16	1439.60	113.9	-1.53	32.40	1440.50
9.4	-1.32	28.81	1434.70	75.0	-1.51	32.17	1439.50	114.3	-1.53	32.40	1440.50
9.4	-1.26	28.63	1434.70	75.5	-1.51	32.17	1439.60	114.9	-1.53	32.41	1440.50
9.7	-1.28	29.09	1435.30	76.0	-1.52	32.17	1439.60	115.3	-1.53	32.41	1440.50
10.2	-1.31	29.38	1435.60	76.4	-1.52	32.17	1439.50	115.8	-1.53	32.42	1440.50
10.3	-1.32	29.64	1435.90	76.9	-1.52	32.17	1439.50	116.3	-1.53	32.42	1440.50
10.7	-1.32	30.22	1436.70	77.4	-1.52	32.17	1439.60	116.8	-1.53	32.42	1440.50
11.1	-1.33	29.79	1436.10	77.8	-1.52	32.17	1439.60	117.1	-1.53	32.42	1440.50
11.7	-1.34	29.77	1436.00	78.3	-1.52	32.17	1439.60	117.6	-1.53	32.42	1440.60
12.2	-1.36	29.85	1436.00	78.6	-1.51	32.17	1439.60	118.1	-1.52	32.43	1440.60
12.6	-1.36	29.87	1436.10	79.2	-1.51	32.17	1439.60	118.6	-1.52	32.42	1440.60
13.1	-1.36	29.90	1436.10	79.7	-1.51	32.18	1439.70	119.1	-1.53	32.43	1440.60
13.6	-1.36	29.91	1436.10	80.2	-1.51	32.17	1439.70	119.6	-1.53	32.43	1440.60
14.2	-1.36	29.94	1436.20	80.7	-1.51	32.18	1439.70	120.0	-1.53	32.43	1440.60
14.7	-1.36	29.94	1436.20	81.1	-1.51	32.18	1439.70	120.5	-1.53	32.43	1440.60
15.2	-1.36	29.95	1436.20	81.6	-1.51	32.18	1439.70	121.0	-1.53	32.43	1440.60
15.7	-1.36	29.95	1436.20	81.9	-1.51	32.18	1439.70	121.5	-1.53	32.44	1440.60
16.1	-1.36	29.94	1436.20	82.4	-1.51	32.18	1439.70	122.0	-1.53	32.45	1440.70
16.7	-1.36	29.94	1436.20	82.8	-1.51	32.18	1439.70	122.5	-1.53	32.46	1440.70
17.1	-1.36	29.93	1436.20	83.3	-1.51	32.18	1439.70	123.0	-1.52	32.47	1440.70
17.7	-1.36	29.93	1436.20	83.8	-1.51	32.18	1439.70	123.3	-1.52	32.47	1440.70
18.1	-1.36	29.93	1436.20	84.2	-1.52	32.18	1439.70	123.8	-1.52	32.47	1440.70
18.6	-1.36	29.93	1436.30	84.7	-1.51	32.18	1439.70	124.3	-1.52	32.47	1440.80
19.6	-1.35	29.98	1436.40	85.2	-1.51	32.18	1439.80	125.8	-1.52	32.49	1440.80
20.1	-1.31	30.01	1436.60	85.7	-1.50	32.18	1439.80	126.2	-1.52	32.49	1440.80
20.5	-1.30	30.07	1436.70	86.1	-1.50	32.18	1439.80	126.8	-1.52	32.50	1440.80
21.0	-1.30	30.10	1436.80	86.6	-1.50	32.18	1439.80	127.3	-1.52	32.50	1440.90
21.9	-1.29	30.19	1437.00	87.1	-1.50	32.19	1439.80	127.6	-1.52	32.50	1440.90
22.3	-1.29	30.27	1437.10	87.6	-1.50	32.19	1439.90	128.1	-1.52	32.51	1440.90
22.7	-1.31	30.34	1437.10	88.0	-1.50	32.19	1439.80	128.6	-1.52	32.51	1440.90
23.2	-1.32	30.41	1437.20	88.6	-1.51	32.19	1439.80	129.1	-1.52	32.51	1440.90
24.0	-1.35	30.52	1437.20	89.0	-1.52	32.20	1439.80	129.6	-1.52	32.51	1440.90
24.5	-1.35	30.56	1437.30	89.5	-1.52	32.20	1439.80	130.1	-1.52	32.52	1440.90
24.9	-1.35	30.60	1437.30	90.0	-1.53	32.21	1439.80	130.5	-1.54	32.53	1440.80
25.5	-1.36	30.63	1437.30	90.4	-1.53	32.21	1439.80	131.1	-1.54	32.54	1440.80
25.8	-1.36	30.65	1437.40	91.0	-1.53	32.21	1439.80	131.6	-1.55	32.55	1440.80
27.2	-1.37	30.76	1437.50	91.4	-1.53	32.21	1439.80	132.1	-1.56	32.56	1440.80
27.7	-1.38	30.82	1437.50	91.9	-1.53	32.21	1439.80	132.6	-1.56	32.56	1440.80
28.2	-1.38	30.89	1437.60	92.4	-1.54	32.22	1439.80	133.1	-1.56	32.56	1440.80
28.6	-1.38	30.93	1437.70	92.9	-1.51	32.19	1439.90	133.5	-1.54	32.57	1440.90
29.1	-1.39	31.02	1437.80	93.4	-1.50	32.24	1440.00	133.9	-1.53	32.57	1441.00
29.9	-1.39	31.14	1437.90	93.8	-1.51	32.25	1440.00	134.5	-1.52	32.59	1441.10
30.3	-1.39	31.19	1438.00	94.3	-1.58	32.29	1439.70	134.9	-1.52	32.60	1441.10
30.8	-1.38	31.22	1438.10	94.8	-1.59	32.26	1439.60	135.4	-1.51	32.61	1441.20
31.2	-1.37	31.31	1438.30	95.3	-1.57	32.28	1439.80	135.9	-1.52	32.63	1441.20
31.7	-1.37	31.38	1438.40	95.7	-1.57	32.29	1439.80	136.4	-1.52	32.65	1441.20
32.2	-1.37	31.43	1438.50	96.2	-1.56	32.29	1439.80	136.7	-1.52	32.67	1441.20
32.6	-1.37	31.47	1438.50	96.7	-1.56	32.29	1439.90	137.3	-1.52	32.68	1441.30
33.2	-1.38	31.49	1438.60	97.2	-1.56	32.30	1439.90	137.7	-1.53	32.70	1441.30
33.5	-1.38	31.53	1438.60	97.6	-1.56	32.30	1439.90	138.2	-1.53	32.71	1441.30
34.1	-1.39	31.56	1438.60	98.1	-1.56	32.31	1439.90	138.7	-1.53	32.73	1441.30
34.5	-1.40	31.58	1438.60	98.6	-1.57	32.31	1439.90	139.2	-1.53	32.74	1441.40
35.0	-1.41	31.67	1438.70	98.9	-1.57	32.31	1439.90	139.7	-1.53	32.76	1441.40
35.5	-1.42	31.78	1438.80	99.4	-1.57	32.31	1439.90	140.2	-1.53	32.77	1441.40
36.8	-1.44	31.92	1438.90	99.8	-1.56	32.32	1439.90	140.5	-1.52	32.78	1441.40
37.2	-1.44	31.94	1439.00	100.3	-1.56	32.32	1440.00	141.0	-1.53	32.79	1441.50
37.7	-1.44	31.95	1439.00	100.7	-1.56	32.33	1440.00	141.4	-1.54	32.81	1441.40
38.1	-1.45	31.98	1439.00	101.3	-1.55	32.32	1440.00	141.9	-1.54	32.82	1441.40
38.6	-1.46	32.01	1439.00	101.8	-1.55	32.33	1440.00	142.5	-1.54	32.83	1441.40
39.0	-1.46	32.06	1439.00	102.2	-1.56	32.33	1440.00	143.0	-1.55	32.84	1441.40
39.5	-1.46	32.08	1439.10	102.7	-1.55	32.33	1440.10	143.3	-1.55	32.83	1441.40
39.9	-1.46	32.08	1439.10	102.8	-1.55	32.37	1440.10	143.8	-1.55	32.84	1441.50
40.4	-1.46	32.09	1439.10	103.2	-1.55	32.35	1440.10	144.2	-1.55	32.85	1441.50
40.9	-1.46	32.09	1439.10	103.6	-1.55	32.34	1440.10	144.7	-1.55	32.86	1441.50
41.3	-1.46	32.10	1439.10	103.9	-1.55	32.34	1440.10	145.2	-1.55	32.87	1441.50
41.7	-1.46	32.10	1439.20	104.4	-1.55	32.34	1440.10	145.7	-1.55	32.87	1441.50
46.0	-1.46	32.12	1439.30	104.8	-1.55	32.34	1440.10	146.1	-1.55	32.87	1441.50
46.5	-1.45	32.12	1439.30	105.3	-1.55	32.35	1440.10	146.5	-1.56	32.89	1441.50
47.8	-1.49	32.13	1439.20	105.8	-1.55	32.35	1440.10	147.0	-1.56	32.90	1441.50
48.5	-1.49	32.13	1439.20	106.2	-1.55	32.35	1440.10	147.6	-1.55	32.90	1441.60
48.7	-1.50	32.13	1439.10	106.7	-1.55	32.35	1440.20	148.0	-1.55	32.91	1441.60
50.1	-1.50	32.13	1439.10	107.2	-1.54	32.36	1440.20	148.5	-1.55	32.91	1441.60
50.6	-1.50	32.13	1439.10	107.6	-1.54	32.36	1440.20	148.9	-1.55	32.93	1441.60
51.2	-1.50	32.12	1439.20	108.1	-1.54	32.37	1440.30	148.0	-1.55	32.91	1441.60
51.5	-1.50	32.13	1439.20	108.4	-1.54	32.37	1440.30	150.3	-1.56	32.95	1441.60
52.1	-1.50	32.13	1439.20	109.1	-1.53	32.37	1440.30	150.8	-1.56	32.95	1441.70
52.6	-1.50	32.13	1439.20	109.6	-1.54	32.37	1440.30	151.1	-1.56	32.96	1441.70
70.3	-1.51	32.16	1439.50	110.1	-1.54	32.37	1440.30	150.3	-1.56	32.95	1441.60
70.8	-1.51	32.16	1439.50	110.4	-1.53	32.38	1440.30				
71.3	-1.51	32.16	1439.50	111.1	-1.53	32.38	1440.40				
71.8	-1.51	32.16	1439.50	111.4	-1.53	32.38	1440.40				

MIZPAC 85  
 DATE: 85/08/25  
 LAT: 71 08.7 N

DROP# 11 DOWN  
 TIME: 10:43:00  
 LON: 145 15.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
2.4	-1.39	26.74	1431.40	102.7	-1.50	32.61	1440.70	208.8	-0.71	34.16	1448.30
3.7	-1.42	27.78	1432.70	102.7	-1.50	32.62	1440.70	210.0	-0.67	34.22	1448.60
4.8	-1.43	27.91	1432.90	103.6	-1.50	32.62	1440.70	211.3	-0.66	34.24	1448.70
6.0	-1.43	27.93	1432.90	104.6	-1.50	32.63	1440.70	212.6	-0.62	34.26	1448.90
7.2	-1.43	27.93	1432.90	105.8	-1.51	32.64	1440.80	213.9	-0.61	34.28	1449.00
8.5	-1.43	27.93	1433.00	106.8	-1.51	32.65	1440.80	215.2	-0.59	34.30	1449.10
9.3	-1.43	27.99	1433.10	107.9	-1.51	32.66	1440.80	216.5	-0.57	34.32	1449.30
10.1	-1.43	28.01	1433.10	109.2	-1.51	32.69	1440.80	217.8	-0.55	34.34	1449.40
10.7	-1.42	28.34	1433.60	110.3	-1.51	32.69	1440.90	219.0	-0.52	34.34	1449.60
11.4	-1.42	27.85	1432.90	111.6	-1.52	32.71	1440.90	220.3	-0.50	34.36	1449.70
12.6	-1.42	27.80	1432.90	112.8	-1.52	32.71	1440.90	221.7	-0.48	34.38	1449.90
13.6	-1.42	27.80	1432.90	113.9	-1.52	32.73	1441.00	222.9	-0.47	34.39	1450.00
15.0	-1.42	27.79	1432.90	115.0	-1.52	32.74	1441.00	224.1	-0.46	34.40	1450.10
16.1	-1.41	27.80	1433.00	116.4	-1.52	32.76	1441.00	225.4	-0.43	34.42	1450.20
17.3	-1.41	27.80	1433.00	117.5	-1.52	32.77	1441.00	226.8	-0.43	34.43	1450.30
18.5	-1.34	27.85	1433.40	118.9	-1.52	32.79	1441.10	228.1	-0.42	34.44	1450.40
19.7	-1.24	28.13	1434.30	120.1	-1.53	32.81	1441.10	229.4	-0.41	34.44	1450.40
20.9	-1.19	28.41	1435.00	121.3	-1.53	32.82	1441.20	230.8	-0.38	34.46	1450.60
22.2	-1.13	28.87	1435.90	122.5	-1.53	32.83	1441.20	232.0	-0.38	34.46	1450.60
23.4	-1.12	29.26	1436.50	123.7	-1.53	32.85	1441.20	233.3	-0.38	34.47	1450.70
24.5	-1.15	29.52	1436.80	124.9	-1.53	32.86	1441.30	234.7	-0.37	34.47	1450.70
25.8	-1.16	29.68	1437.00	126.0	-1.53	32.87	1441.30	236.1	-0.36	34.47	1450.80
27.2	-1.16	29.80	1437.10	127.3	-1.53	32.89	1441.30	237.3	-0.34	34.48	1451.00
28.6	-1.18	29.89	1437.20	128.5	-1.54	32.91	1441.30	238.6	-0.32	34.50	1451.10
29.9	-1.20	30.02	1437.30	129.7	-1.54	32.92	1441.40	239.9	-0.31	34.50	1451.10
31.2	-1.24	30.14	1437.30	131.0	-1.54	32.93	1441.40	241.0	-0.30	34.51	1451.20
32.5	-1.26	30.19	1437.30	132.2	-1.55	32.94	1441.40	242.5	-0.29	34.52	1451.30
33.7	-1.29	30.30	1437.30	133.5	-1.55	32.96	1441.40	243.8	-0.26	34.52	1451.50
35.2	-1.32	30.42	1437.40	134.8	-1.56	32.98	1441.50	244.9	-0.25	34.53	1451.60
36.4	-1.33	30.45	1437.40	136.1	-1.56	33.00	1441.50	246.3	-0.24	34.47	1451.50
37.7	-1.34	30.51	1437.40	137.5	-1.56	33.01	1441.50	247.4	-0.23	34.54	1451.70
39.1	-1.36	30.60	1437.50	138.7	-1.57	33.04	1441.60	248.7	-0.22	34.55	1451.80
40.3	-1.39	30.67	1437.50	139.9	-1.56	33.05	1441.60	249.9	-0.21	34.56	1451.80
41.6	-1.41	30.71	1437.40	141.3	-1.56	33.07	1441.70	251.3	-0.20	34.56	1451.90
42.9	-1.44	30.75	1437.40	142.5	-1.56	33.09	1441.70	252.4	-0.20	34.56	1452.00
44.2	-1.44	30.79	1437.50	143.7	-1.56	33.11	1441.80	253.7	-0.19	34.57	1452.00
44.7	-1.47	30.88	1437.50	144.9	-1.57	33.12	1441.80	255.1	-0.17	34.57	1452.10
46.8	-1.47	30.94	1437.60	146.3	-1.57	33.13	1441.80	256.3	-0.17	34.57	1452.20
47.9	-1.47	31.02	1437.70	147.5	-1.56	33.15	1441.90	257.5	-0.16	34.58	1452.20
49.2	-1.45	31.14	1438.00	148.8	-1.56	33.15	1441.90	258.7	-0.15	34.58	1452.30
50.5	-1.41	31.32	1438.40	150.0	-1.56	33.17	1442.00	260.1	-0.13	34.59	1452.40
51.8	-1.41	31.41	1438.60	151.4	-1.55	33.19	1442.10	261.3	-0.13	34.60	1452.50
53.1	-1.42	31.51	1438.70	152.7	-1.54	33.20	1442.20	262.4	-0.12	34.60	1452.50
54.4	-1.39	31.61	1439.00	154.0	-1.54	33.22	1442.20	263.8	-0.12	34.61	1452.60
55.4	-1.39	31.67	1439.10	155.4	-1.56	33.24	1442.20	264.9	-0.12	34.60	1452.60
56.7	-1.41	31.74	1439.10	156.5	-1.56	33.24	1442.20	266.2	-0.11	34.61	1452.70
58.1	-1.40	31.78	1439.30	157.9	-1.56	33.28	1442.30	267.4	-0.09	34.62	1452.80
59.4	-1.39	31.81	1439.40	159.2	-1.53	33.28	1442.40	268.7	-0.08	34.61	1452.80
60.4	-1.40	31.85	1439.40	160.5	-1.53	33.31	1442.50	270.0	-0.06	34.62	1452.90
61.8	-1.41	31.89	1439.40	161.8	-1.53	33.33	1442.50	271.3	-0.05	34.62	1453.00
63.1	-1.42	31.93	1439.50	163.1	-1.54	33.33	1442.50	272.5	-0.04	34.63	1453.10
64.4	-1.40	31.96	1439.60	164.3	-1.55	33.34	1442.50	273.6	-0.03	34.63	1453.20
65.7	-1.41	32.00	1439.60	165.6	-1.51	33.37	1442.70	274.9	-0.03	34.64	1453.20
66.9	-1.43	32.08	1439.70	167.0	-1.51	33.38	1442.80	276.2	-0.02	34.63	1453.30
68.1	-1.44	32.12	1439.70	168.3	-1.50	33.42	1442.90	277.4	-0.01	34.64	1453.40
69.5	-1.45	32.15	1439.70	169.6	-1.48	33.42	1443.00	278.6	0.02	34.64	1453.50
70.8	-1.46	32.17	1439.70	171.0	-1.48	33.45	1443.10	279.8	0.02	34.65	1453.50
71.9	-1.46	32.19	1439.80	172.2	-1.46	33.45	1443.20	280.9	0.02	34.65	1453.60
73.2	-1.44	32.21	1439.90	173.7	-1.40	33.50	1443.60	282.1	0.03	34.65	1453.60
74.5	-1.44	32.23	1440.00	174.9	-1.39	33.53	1443.70	283.5	0.04	34.66	1453.70
75.6	-1.44	32.25	1440.00	176.3	-1.37	33.54	1443.80	284.6	0.05	34.66	1453.70
76.9	-1.45	32.27	1440.00	177.6	-1.34	33.57	1444.00	285.9	0.07	34.66	1453.90
78.0	-1.45	32.28	1440.10	178.8	-1.34	33.59	1444.10	287.2	0.08	34.67	1454.00
79.3	-1.47	32.30	1440.00	180.1	-1.32	33.60	1444.20	288.3	0.09	34.67	1454.00
80.5	-1.45	32.32	1440.10	181.6	-1.31	33.62	1444.30	289.5	0.10	34.67	1454.10
81.8	-1.46	32.34	1440.20	182.8	-1.32	33.66	1444.30	290.7	0.10	34.68	1454.10
83.0	-1.47	32.37	1440.20	184.2	-1.26	33.68	1444.60	291.9	0.11	34.68	1454.20
84.3	-1.47	32.38	1440.20	185.4	-1.23	33.72	1444.90	293.1	0.12	34.68	1454.20
85.5	-1.45	32.40	1440.30	186.7	-1.22	33.75	1445.00	294.3	0.13	34.68	1454.30
86.7	-1.46	32.42	1440.30	188.0	-1.20	33.78	1445.10	295.4	0.13	34.69	1454.30
88.0	-1.49	32.44	1440.20	189.3	-1.19	33.80	1445.30	296.6	0.14	34.69	1454.40
89.3	-1.50	32.45	1440.20	190.6	-1.17	33.82	1445.40	297.8	0.14	34.69	1454.40
90.5	-1.50	32.47	1440.30	192.0	-1.14	33.84	1445.60				
91.8	-1.47	32.47	1440.50	193.3	-1.19	33.93	1445.50				
93.0	-1.48	32.50	1440.50	194.5	-1.20	33.93	1445.50				
94.3	-1.49	32.52	1440.50	195.8	-1.19	33.94	1445.60				
95.6	-1.49	32.53	1440.50	197.2	-1.13	33.95	1445.90				
96.7	-1.49	32.54	1440.60	198.5	-1.00	33.93	1446.50				
97.6	-1.49	32.56	1440.60	199.7	-0.97	33.99	1446.70				
98.3	-1.49	32.57	1440.60	201.0	-0.96	34.02	1446.80				
99.2	-1.49	32.58	1440.60	202.3	-0.90	34.02	1447.10				
99.9	-1.49	32.58	1440.60	203.6	-0.86	34.08	1447.40				
100.8	-1.50	32.59	1440.70	205.0	-0.82	34.11	1447.60				
101.6	-1.50	32.60	1440.70	206.2	-0.79	34.13	1447.90				
102.2	-1.50	32.61	1440.70	207.5	-0.76	34.15	1448.00				



MIZPAC 85  
 DATE: 85/08/25  
 LAT: 71 13.3 N

DROP# 12 DOWN  
 TIME: 18:04:00  
 LON: 144 45 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.2	-0.24	24.75	1434.10	98.4	-1.50	32.56	1440.60	219.0	-0.60	34.30	1449.20
2.9	-1.44	26.34	1430.60	99.7	-1.51	32.59	1440.60	220.8	-0.60	34.32	1449.30
4.1	-1.43	27.01	1431.60	101.1	-1.52	32.59	1440.60	223.0	-0.57	34.33	1449.40
5.3	-1.43	27.36	1432.10	102.1	-1.52	32.63	1440.60	224.4	-0.56	34.36	1449.50
6.4	-1.43	27.55	1432.40	103.1	-1.52	32.62	1440.60	225.7	-0.54	34.38	1449.70
7.6	-1.43	27.63	1432.50	104.4	-1.52	32.63	1440.60	227.0	-0.53	34.39	1449.80
8.8	-1.43	27.68	1432.60	105.8	-1.52	32.66	1440.70	228.3	-0.52	34.40	1449.90
10.0	-1.43	27.71	1432.70	107.2	-1.52	32.67	1440.70	229.7	-0.49	34.41	1450.00
10.9	-1.43	27.72	1432.70	108.7	-1.53	32.70	1440.80	231.1	-0.48	34.43	1450.10
11.0	-1.42	27.67	1432.70	110.2	-1.53	32.71	1440.80	232.4	-0.46	34.43	1450.20
11.0	-1.42	27.72	1432.80	111.6	-1.54	32.73	1440.80	233.9	-0.44	34.45	1450.40
11.0	-1.42	27.76	1432.80	112.9	-1.54	32.75	1440.90	235.1	-0.42	34.46	1450.50
11.0	-1.42	27.78	1432.80	114.4	-1.54	32.77	1440.90	236.5	-0.39	34.47	1450.70
11.0	-1.43	27.90	1433.00	115.8	-1.54	32.79	1441.00	237.8	-0.38	34.48	1450.80
11.0	-1.42	27.90	1433.00	117.3	-1.54	32.81	1441.00	239.2	-0.37	34.48	1450.90
11.0	-1.43	27.90	1433.00	118.6	-1.55	32.83	1441.00	240.3	-0.36	34.50	1450.90
10.9	-1.42	27.89	1433.00	120.1	-1.53	32.83	1441.10	241.7	-0.33	34.51	1451.10
11.0	-1.42	27.89	1433.00	121.6	-1.54	32.85	1441.20	243.1	-0.32	34.51	1451.20
10.9	-1.42	27.89	1433.00	123.1	-1.54	32.87	1441.20	244.3	-0.29	34.52	1451.30
11.0	-1.42	27.88	1433.00	124.4	-1.54	32.89	1441.20	245.6	-0.29	34.53	1451.40
11.4	-1.42	27.75	1432.80	125.8	-1.55	32.90	1441.20	247.0	-0.29	34.54	1451.40
12.6	-1.43	27.74	1432.80	127.4	-1.55	32.92	1441.30	248.3	-0.28	34.54	1451.50
13.8	-1.42	27.74	1432.80	128.8	-1.55	32.93	1441.30	249.6	-0.26	34.55	1451.60
15.2	-1.38	27.80	1433.10	130.4	-1.55	32.94	1441.40	251.0	-0.25	34.55	1451.70
16.5	-1.33	28.00	1433.70	131.7	-1.55	32.96	1441.40	252.2	-0.23	34.56	1451.80
17.9	-1.26	28.32	1434.50	133.1	-1.56	32.97	1441.40	253.5	-0.23	34.57	1451.80
19.2	-1.23	28.47	1434.80	134.4	-1.55	32.98	1441.50	254.8	-0.21	34.56	1451.90
20.3	-1.21	28.61	1435.10	135.8	-1.55	33.00	1441.50	256.2	-0.20	34.58	1452.00
21.8	-1.16	28.73	1435.60	137.2	-1.55	33.01	1441.60	257.5	-0.19	34.58	1452.10
23.0	-1.14	28.92	1436.00	138.6	-1.56	33.02	1441.60	258.8	-0.18	34.58	1452.20
24.3	-1.11	29.17	1436.50	139.9	-1.56	33.04	1441.60	260.1	-0.16	34.58	1452.30
25.6	-1.13	29.33	1436.60	141.3	-1.56	33.05	1441.60	261.4	-0.14	34.59	1452.40
27.0	-1.15	29.58	1436.90	142.6	-1.57	33.07	1441.70	262.7	-0.13	34.60	1452.50
28.2	-1.17	29.80	1437.10	144.1	-1.57	33.09	1441.70	264.0	-0.10	34.60	1452.60
29.6	-1.18	29.89	1437.20	145.4	-1.56	33.10	1441.80	265.4	-0.08	34.61	1452.80
30.9	-1.20	29.97	1437.30	146.9	-1.57	33.12	1441.80	266.6	-0.08	34.62	1452.80
32.1	-1.22	30.08	1437.40	148.1	-1.57	33.13	1441.80	268.0	-0.07	34.62	1452.90
33.5	-1.25	30.18	1437.30	149.5	-1.57	33.15	1441.90	269.2	-0.05	34.62	1453.00
35.0	-1.27	30.24	1437.30	151.0	-1.58	33.16	1441.90	270.6	-0.04	34.63	1453.10
36.3	-1.28	30.28	1437.40	152.3	-1.57	33.18	1442.00	271.8	-0.02	34.63	1453.20
37.7	-1.30	30.35	1437.40	153.6	-1.57	33.20	1442.00	273.2	0.00	34.64	1453.30
38.9	-1.31	30.40	1437.50	155.0	-1.56	33.21	1442.10	274.4	0.01	34.65	1453.40
40.3	-1.34	30.48	1437.50	156.3	-1.56	33.22	1442.10	275.6	0.02	34.65	1453.40
41.6	-1.39	30.61	1437.40	157.8	-1.56	33.24	1442.20	276.9	0.02	34.65	1453.50
42.9	-1.41	30.70	1437.50	159.2	-1.54	33.26	1442.30	278.2	0.03	34.65	1453.50
44.2	-1.42	30.78	1437.60	160.6	-1.54	33.29	1442.40	279.3	0.05	34.65	1453.70
45.6	-1.40	30.89	1437.80	162.0	-1.53	33.31	1442.50	280.6	0.06	34.66	1453.70
46.9	-1.37	31.05	1438.20	163.5	-1.52	33.32	1442.60	281.8	0.07	34.66	1453.80
48.2	-1.37	31.20	1438.50	164.8	-1.51	33.34	1442.70	283.1	0.07	34.67	1453.90
49.6	-1.37	31.30	1438.60	166.2	-1.50	33.35	1442.80	284.4	0.08	34.67	1453.90
50.9	-1.37	31.41	1438.80	167.7	-1.49	33.37	1442.90	285.6	0.10	34.67	1454.00
52.3	-1.38	31.52	1438.90	169.5	-1.47	33.40	1443.10	286.9	0.12	34.68	1454.10
53.7	-1.40	31.61	1438.90	170.9	-1.44	33.44	1443.30	288.3	0.13	34.68	1454.20
55.0	-1.40	31.70	1439.10	172.2	-1.43	33.46	1443.40	289.5	0.14	34.68	1454.30
56.3	-1.40	31.75	1439.20	173.4	-1.41	33.48	1443.50	290.8	0.15	34.68	1454.40
57.6	-1.40	31.78	1439.20	174.9	-1.39	33.51	1443.70	292.1	0.16	34.69	1454.40
59.0	-1.40	31.81	1439.30	176.2	-1.38	33.52	1443.70	293.3	0.17	34.69	1454.50
60.3	-1.40	31.86	1439.40	177.5	-1.34	33.55	1444.00	293.5	0.17	34.69	1454.50
61.7	-1.40	31.89	1439.50	178.9	-1.32	33.58	1444.20	293.5	0.17	34.67	1454.50
63.1	-1.42	31.96	1439.50	180.1	-1.30	33.60	1444.30	293.5	0.17	34.66	1454.40
64.5	-1.45	32.02	1439.50	181.7	-1.29	33.62	1444.40	293.5	0.17	34.66	1454.40
65.7	-1.43	32.07	1439.60	183.0	-1.26	33.65	1444.60	293.5	0.17	34.65	1454.40
66.9	-1.43	32.13	1439.80	184.3	-1.24	33.68	1444.70	293.5	0.17	34.64	1454.40
68.2	-1.45	32.18	1439.80	185.7	-1.22	33.71	1444.90	293.5	0.17	34.63	1454.40
69.6	-1.46	32.20	1439.80	187.2	-1.20	33.73	1445.10				
70.9	-1.45	32.21	1439.90	188.6	-1.17	33.75	1445.20				
72.3	-1.47	32.22	1439.80	189.9	-1.14	33.78	1445.50				
73.6	-1.48	32.24	1439.80	191.3	-1.14	33.83	1445.50				
74.8	-1.48	32.26	1439.90	192.7	-1.12	33.85	1445.70				
76.2	-1.48	32.28	1439.90	194.2	-1.12	33.88	1445.80				
77.6	-1.48	32.31	1440.00	195.5	-1.11	33.90	1445.90				
79.3	-1.48	32.33	1440.00	196.9	-1.08	33.93	1446.10				
80.5	-1.49	32.34	1440.00	198.4	-1.05	33.95	1446.30				
82.1	-1.49	32.36	1440.00	199.7	-1.00	33.98	1446.50				
83.5	-1.47	32.37	1440.20	201.1	-0.96	34.01	1446.80				
84.7	-1.47	32.39	1440.20	202.5	-0.92	34.02	1447.00				
86.1	-1.47	32.41	1440.30	203.8	-0.92	34.05	1447.10				
87.5	-1.48	32.43	1440.30	205.1	-0.90	34.07	1447.20				
88.9	-1.49	32.45	1440.30	206.5	-0.86	34.10	1447.50				
90.1	-1.49	32.47	1440.30	207.9	-0.85	34.13	1447.60				
91.5	-1.49	32.48	1440.40	210.4	-0.81	34.16	1447.90				
92.9	-1.49	32.49	1440.40	210.9	-0.74	34.17	1448.20				
94.2	-1.49	32.51	1440.50	212.4	-0.72	34.17	1448.40				
95.7	-1.50	32.53	1440.50	214.3	-0.70	34.24	1448.50				
97.1	-1.50	32.55	1440.50	216.5	-0.67	34.28	1448.80				

MIZPAC 85  
 DATE: 85/08/25  
 LAT: 71 9.2 N

DROP# 13 DOWN  
 TIME: 22:21:00  
 LON: 142 52.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
2.4	-1.44	25.68	1429.70	95.9	-1.47	32.51	1440.60	210.5	-0.67	34.22	1448.60
3.7	-1.44	27.13	1431.70	97.2	-1.48	32.53	1440.60	211.8	-0.67	34.24	1448.70
5.1	-1.44	27.58	1432.40	98.4	-1.48	32.55	1440.60	213.2	-0.67	34.26	1448.70
6.5	-1.44	27.74	1432.60	99.7	-1.48	32.57	1440.70	214.5	-0.65	34.26	1448.80
8.1	-1.44	27.81	1432.70	101.1	-1.49	32.58	1440.70	215.9	-0.61	34.28	1449.00
9.6	-1.44	27.84	1432.80	102.2	-1.49	32.60	1440.70	217.1	-0.61	34.30	1449.10
10.5	-1.44	27.87	1432.90	102.7	-1.49	32.60	1440.70	218.5	-0.58	34.31	1449.30
10.5	-1.43	27.88	1432.90	103.1	-1.49	32.61	1440.70	219.7	-0.58	34.33	1449.30
10.6	-1.44	27.94	1433.00	104.1	-1.49	32.62	1440.80	221.1	-0.57	34.34	1449.40
10.6	-1.43	28.02	1433.10	105.2	-1.49	32.63	1440.80	222.9	-0.56	34.35	1449.50
10.6	-1.43	28.08	1433.20	106.4	-1.50	32.65	1440.80	224.3	-0.54	34.38	1449.70
10.6	-1.42	28.11	1433.30	107.8	-1.50	32.67	1440.80	225.5	-0.52	34.38	1449.80
10.5	-1.43	28.24	1433.40	109.1	-1.51	32.68	1440.90	226.8	-0.50	34.40	1449.90
10.5	-1.43	28.23	1433.40	110.4	-1.51	32.70	1440.90	228.0	-0.50	34.41	1450.00
10.5	-1.43	28.23	1433.40	111.8	-1.52	32.72	1440.90	229.4	-0.47	34.42	1450.10
10.6	-1.43	28.24	1433.40	113.2	-1.53	32.74	1440.90	230.6	-0.45	34.42	1450.20
11.4	-1.44	27.87	1432.90	114.4	-1.51	32.74	1441.00	231.8	-0.44	34.44	1450.30
12.9	-1.43	27.87	1432.90	115.7	-1.52	32.76	1441.00	233.2	-0.42	34.45	1450.50
13.9	-1.42	27.92	1433.10	117.1	-1.52	32.78	1441.10	234.4	-0.41	34.46	1450.50
15.2	-1.42	27.93	1433.10	118.4	-1.53	32.80	1441.10	235.8	-0.40	34.47	1450.60
16.4	-1.41	27.94	1433.20	119.9	-1.53	32.82	1441.10	237.1	-0.40	34.47	1450.70
17.6	-1.40	27.98	1433.30	121.2	-1.53	32.84	1441.20	238.6	-0.39	34.49	1450.70
18.6	-1.30	28.20	1434.10	122.6	-1.53	32.86	1441.20	239.7	-0.38	34.49	1450.80
19.8	-1.19	28.65	1435.30	123.9	-1.53	32.87	1441.30	241.2	-0.36	34.50	1450.90
21.0	-1.12	29.07	1436.20	125.4	-1.53	32.89	1441.30	242.5	-0.34	34.50	1451.10
22.3	-1.10	29.35	1436.70	126.9	-1.53	32.90	1441.30	243.9	-0.32	34.51	1451.20
23.5	-1.12	29.60	1437.00	128.3	-1.54	32.93	1441.40	245.1	-0.31	34.52	1451.30
24.8	-1.21	29.75	1436.80	129.6	-1.54	32.95	1441.40	246.4	-0.29	34.53	1451.40
26.0	-1.22	29.80	1436.80	131.1	-1.54	32.96	1441.40	247.7	-0.27	34.53	1451.50
27.3	-1.22	29.81	1436.90	132.4	-1.55	32.98	1441.50	248.8	-0.26	34.53	1451.50
28.6	-1.22	29.85	1437.00	133.9	-1.55	33.00	1441.50	250.2	-0.25	34.54	1451.70
29.9	-1.24	29.95	1437.00	135.4	-1.55	33.01	1441.50	251.3	-0.24	34.55	1451.70
31.2	-1.24	30.00	1437.10	136.7	-1.56	33.03	1441.60	252.6	-0.22	34.56	1451.90
32.5	-1.16	30.04	1437.60	138.2	-1.56	33.05	1441.60	253.8	-0.21	34.56	1451.90
33.8	-1.17	30.20	1437.80	139.4	-1.56	33.06	1441.70	255.1	-0.20	34.57	1452.00
35.1	-1.29	30.37	1437.40	140.9	-1.56	33.08	1441.70	256.3	-0.19	34.57	1452.10
36.4	-1.27	30.40	1437.60	142.2	-1.56	33.09	1441.70	257.6	-0.18	34.58	1452.10
37.6	-1.27	30.47	1437.70	143.7	-1.56	33.11	1441.80	258.8	-0.18	34.58	1452.20
38.9	-1.30	30.53	1437.70	144.9	-1.56	33.12	1441.80	260.0	-0.17	34.58	1452.20
40.0	-1.32	30.57	1437.70	146.4	-1.56	33.13	1441.90	261.2	-0.16	34.58	1452.30
41.1	-1.34	30.60	1437.60	147.6	-1.56	33.15	1441.90	262.4	-0.15	34.59	1452.40
42.4	-1.34	30.62	1437.70	149.1	-1.55	33.16	1442.00	263.7	-0.14	34.59	1452.40
43.5	-1.34	30.67	1437.80	150.9	-1.55	33.19	1442.10	264.9	-0.13	34.60	1452.50
44.7	-1.37	30.73	1437.70	152.2	-1.54	33.21	1442.10	266.1	-0.12	34.60	1452.60
45.9	-1.38	30.79	1437.80	153.7	-1.54	33.22	1442.20	267.4	-0.11	34.60	1452.70
47.0	-1.47	30.87	1437.50	155.0	-1.53	33.24	1442.30	268.7	-0.10	34.61	1452.70
48.2	-1.46	30.90	1437.60	156.5	-1.53	33.25	1442.30	269.9	-0.09	34.61	1452.80
49.5	-1.46	30.97	1437.70	157.8	-1.52	33.27	1442.40	271.1	-0.08	34.62	1452.90
50.8	-1.45	31.16	1438.10	159.1	-1.52	33.28	1442.50	272.5	-0.08	34.62	1452.90
51.9	-1.38	31.23	1438.50	160.5	-1.51	33.30	1442.60	273.7	-0.07	34.62	1453.00
53.2	-1.37	31.35	1438.70	161.9	-1.50	33.32	1442.70	275.0	-0.06	34.62	1453.10
54.4	-1.36	31.43	1438.90	163.2	-1.49	33.34	1442.80	276.2	-0.05	34.63	1453.10
55.5	-1.36	31.51	1439.00	164.6	-1.48	33.36	1442.90	277.4	-0.04	34.63	1453.20
56.7	-1.37	31.59	1439.10	166.0	-1.46	33.39	1443.00	278.6	-0.03	34.63	1453.30
58.0	-1.37	31.66	1439.20	167.4	-1.45	33.40	1443.10	279.9	-0.02	34.64	1453.40
59.1	-1.38	31.70	1439.30	168.9	-1.43	33.43	1443.20	281.0	0.00	34.64	1453.40
60.4	-1.38	31.73	1439.30	170.3	-1.41	33.46	1443.40	282.4	0.01	34.65	1453.50
61.7	-1.38	31.75	1439.40	171.6	-1.38	33.49	1443.60	283.6	0.03	34.65	1453.60
62.8	-1.38	31.79	1439.40	173.1	-1.37	33.52	1443.80	284.7	0.04	34.65	1453.70
64.0	-1.39	31.84	1439.50	174.4	-1.34	33.55	1444.00	286.0	0.06	34.66	1453.80
65.3	-1.39	31.90	1439.60	175.8	-1.32	33.58	1444.10	287.3	0.07	34.66	1453.90
66.6	-1.39	31.94	1439.70	177.0	-1.30	33.61	1444.30	288.5	0.08	34.67	1454.00
68.0	-1.40	32.00	1439.70	178.5	-1.28	33.64	1444.40	289.8	0.08	34.67	1454.00
69.1	-1.40	32.03	1439.80	179.9	-1.25	33.66	1444.60	291.1	0.10	34.67	1454.10
70.3	-1.41	32.07	1439.80	181.2	-1.23	33.69	1444.80	292.3	0.10	34.68	1454.20
71.5	-1.41	32.10	1439.90	182.6	-1.22	33.72	1444.90	293.6	0.11	34.68	1454.20
72.7	-1.42	32.15	1439.90	183.9	-1.20	33.74	1445.00	294.8	0.13	34.68	1454.30
73.9	-1.42	32.18	1440.00	185.3	-1.17	33.76	1445.20	296.1	0.13	34.69	1454.40
75.2	-1.41	32.19	1440.10	186.8	-1.13	33.77	1445.40	297.4	0.14	34.69	1454.40
76.4	-1.43	32.23	1440.10	188.1	-1.13	33.82	1445.50	298.7	0.15	34.69	1454.50
77.5	-1.44	32.26	1440.10	189.4	-1.08	33.83	1445.80	299.8	0.16	34.69	1454.60
78.8	-1.45	32.27	1440.10	190.8	-1.06	33.86	1445.90				
79.9	-1.47	32.31	1440.10	192.7	-1.00	33.91	1446.30				
81.2	-1.45	32.32	1440.10	194.0	-0.97	33.94	1446.50				
82.3	-1.48	32.33	1440.10	195.5	-0.93	33.97	1446.80				
83.7	-1.47	32.36	1440.20	196.8	-0.91	34.00	1446.90				
84.8	-1.48	32.37	1440.20	198.2	-0.88	34.02	1447.20				
86.0	-1.47	32.39	1440.20	199.5	-0.86	34.05	1447.30				
87.2	-1.48	32.42	1440.20	201.0	-0.85	34.07	1447.40				
88.5	-1.47	32.43	1440.30	202.3	-0.83	34.10	1447.60				
89.6	-1.47	32.44	1440.40	203.7	-0.80	34.11	1447.80				
90.9	-1.47	32.46	1440.40	205.1	-0.78	34.14	1447.90				
92.2	-1.47	32.47	1440.40	206.5	-0.74	34.17	1448.10				
93.3	-1.47	32.49	1440.50	207.9	-0.72	34.18	1448.30				
94.7	-1.49	32.50	1440.50	209.2	-0.70	34.20	1448.40				



MIZPAC 85  
 DATE: 85/08/25  
 LAT: 71 54.2 N

DROP# 14 DOWN  
 TIME: 22:53:00  
 LON: 145 52.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.8	-1.38	26.34	1430.90	101.2	-1.48	32.59	1440.70	223.7	-0.61	34.29	1449.20
1.6	-1.45	27.62	1432.30	102.6	-1.49	32.61	1440.70	225.1	-0.58	34.31	1449.40
2.7	-1.46	27.95	1432.80	103.3	-1.49	32.61	1440.80	226.4	-0.57	34.32	1449.50
4.0	-1.45	28.04	1432.90	104.7	-1.49	32.62	1440.80	227.7	-0.55	34.34	1449.60
5.3	-1.45	28.08	1433.00	106.1	-1.50	32.64	1440.80	229.0	-0.53	34.35	1449.70
6.6	-1.45	28.14	1433.10	107.4	-1.50	32.66	1440.80	230.4	-0.51	34.37	1449.90
8.1	-1.44	28.16	1433.20	108.9	-1.50	32.68	1440.90	231.7	-0.50	34.39	1450.00
9.6	-1.44	28.17	1433.30	110.4	-1.50	32.70	1440.90	233.1	-0.49	34.40	1450.10
10.6	-1.44	28.19	1433.30	112.3	-1.50	32.71	1441.00	234.4	-0.47	34.41	1450.20
10.6	-1.44	28.19	1433.30	113.8	-1.51	32.73	1441.00	235.8	-0.46	34.42	1450.30
10.6	-1.44	28.21	1433.30	115.4	-1.51	32.75	1441.00	237.2	-0.45	34.42	1450.40
10.7	-1.44	28.22	1433.40	116.8	-1.51	32.76	1441.10	238.6	-0.43	34.44	1450.50
10.6	-1.44	28.24	1433.40	118.3	-1.52	32.79	1441.10	239.9	-0.43	34.44	1450.50
10.6	-1.44	28.26	1433.40	120.0	-1.52	32.81	1441.20	241.2	-0.42	34.45	1450.60
10.6	-1.44	28.27	1433.40	121.5	-1.52	32.82	1441.20	242.5	-0.41	34.46	1450.70
10.6	-1.44	28.34	1433.50	123.0	-1.52	32.85	1441.20	243.9	-0.39	34.47	1450.80
10.6	-1.44	28.34	1433.50	124.6	-1.53	32.86	1441.30	245.1	-0.38	34.47	1450.90
10.6	-1.44	28.34	1433.50	126.0	-1.53	32.88	1441.30	247.0	-0.36	34.49	1451.00
10.6	-1.44	28.33	1433.50	127.5	-1.53	32.90	1441.40	248.3	-0.34	34.49	1451.10
10.7	-1.44	28.27	1433.40	129.1	-1.53	32.92	1441.40	249.6	-0.34	34.50	1451.20
11.7	-1.44	28.21	1433.40	130.6	-1.54	32.94	1441.40	251.0	-0.33	34.50	1451.20
13.0	-1.42	28.24	1433.50	132.1	-1.54	32.96	1441.50	252.3	-0.31	34.51	1451.30
14.3	-1.41	28.29	1433.70	133.7	-1.54	32.97	1441.50	253.8	-0.30	34.51	1451.40
15.6	-1.40	28.32	1433.80	135.1	-1.55	32.99	1441.50	255.1	-0.29	34.53	1451.50
16.9	-1.33	28.46	1434.30	136.7	-1.55	33.00	1441.60	256.3	-0.28	34.53	1451.60
18.4	-1.20	28.99	1435.70	138.2	-1.55	33.01	1441.60	257.8	-0.26	34.54	1451.70
19.7	-1.15	29.23	1436.30	139.7	-1.56	33.04	1441.60	259.0	-0.25	34.54	1451.80
21.0	-1.13	29.35	1436.50	141.1	-1.57	33.04	1441.60	260.4	-0.24	34.55	1451.90
22.3	-1.12	29.45	1436.80	142.7	-1.57	33.06	1441.70	261.8	-0.22	34.56	1452.00
23.8	-1.10	29.53	1437.00	144.2	-1.57	33.07	1441.70	263.1	-0.21	34.56	1452.10
25.1	-1.08	29.74	1437.40	145.7	-1.57	33.09	1441.70	264.5	-0.20	34.57	1452.20
26.4	-1.11	29.88	1437.50	147.2	-1.57	33.10	1441.80	265.8	-0.18	34.57	1452.30
27.8	-1.14	30.03	1437.50	148.6	-1.57	33.11	1441.80	267.2	-0.17	34.58	1452.40
29.1	-1.17	30.18	1437.70	150.0	-1.57	33.13	1441.90	268.5	-0.16	34.59	1452.40
30.4	-1.20	30.30	1437.70	151.6	-1.56	33.15	1442.00	269.9	-0.14	34.59	1452.50
31.7	-1.24	30.43	1437.70	153.1	-1.57	33.18	1442.00	271.3	-0.13	34.59	1452.60
33.2	-1.25	30.48	1437.70	154.6	-1.57	33.20	1442.10	272.7	-0.12	34.60	1452.70
34.6	-1.29	30.55	1437.70	156.1	-1.57	33.22	1442.10	274.4	-0.11	34.61	1452.80
35.9	-1.31	30.59	1437.70	157.6	-1.56	33.22	1442.20	275.8	-0.10	34.61	1452.80
37.2	-1.33	30.64	1437.70	159.1	-1.55	33.24	1442.30	277.1	-0.09	34.61	1452.90
38.5	-1.35	30.70	1437.70	160.6	-1.55	33.26	1442.30	278.3	-0.08	34.61	1453.00
39.8	-1.36	30.74	1437.70	162.0	-1.54	33.27	1442.40	279.7	-0.07	34.62	1453.10
41.2	-1.37	30.81	1437.80	163.6	-1.54	33.29	1442.50	280.9	-0.06	34.62	1453.10
42.5	-1.40	30.88	1437.80	164.9	-1.53	33.30	1442.50	282.1	-0.05	34.63	1453.20
43.9	-1.40	30.97	1437.90	166.5	-1.51	33.33	1442.70	283.6	-0.03	34.63	1453.30
45.3	-1.41	31.07	1438.00	167.8	-1.50	33.34	1442.80	284.9	-0.02	34.63	1453.40
46.6	-1.44	31.20	1438.10	169.4	-1.49	33.35	1442.90	286.2	-0.01	34.64	1453.50
48.1	-1.42	31.27	1438.30	170.8	-1.49	33.39	1442.90	287.4	-0.01	34.64	1453.50
49.5	-1.41	31.37	1438.50	172.2	-1.49	33.41	1443.00	288.7	0.01	34.65	1453.60
50.9	-1.37	31.50	1438.90	173.8	-1.47	33.43	1443.10	290.1	0.02	34.65	1453.70
52.3	-1.37	31.59	1439.00	175.2	-1.46	33.45	1443.30	291.3	0.04	34.65	1453.80
53.5	-1.38	31.66	1439.10	176.7	-1.44	33.47	1443.40	292.6	0.05	34.66	1453.90
55.0	-1.38	31.72	1439.20	178.1	-1.42	33.49	1443.60	293.9	0.06	34.66	1454.00
56.4	-1.38	31.77	1439.30	179.4	-1.39	33.52	1443.80	295.3	0.07	34.67	1454.00
57.7	-1.40	31.84	1439.30	181.0	-1.37	33.56	1443.90	296.5	0.07	34.67	1454.10
59.1	-1.42	31.87	1439.30	182.4	-1.33	33.57	1444.10	297.9	0.08	34.67	1454.10
60.5	-1.43	31.92	1439.40	183.8	-1.30	33.62	1444.40	299.3	0.09	34.67	1454.20
61.8	-1.43	31.97	1439.40	185.3	-1.25	33.65	1444.70	300.5	0.10	34.68	1454.30
63.4	-1.46	32.01	1439.40	186.7	-1.23	33.66	1444.80				
64.8	-1.47	32.05	1439.40	188.1	-1.23	33.70	1444.90				
66.2	-1.46	32.12	1439.60	189.5	-1.20	33.72	1445.10				
67.7	-1.48	32.12	1439.50	191.1	-1.21	33.76	1445.10				
69.2	-1.47	32.13	1439.60	192.4	-1.18	33.78	1445.30				
70.6	-1.48	32.16	1439.60	193.8	-1.16	33.81	1445.50				
71.9	-1.46	32.17	1439.70	195.2	-1.13	33.83	1445.70				
73.3	-1.50	32.21	1439.70	196.8	-1.06	33.86	1446.00				
74.6	-1.43	32.23	1440.00	198.1	-1.05	33.90	1446.20				
75.9	-1.46	32.27	1440.00	199.5	-0.99	33.94	1446.50				
77.2	-1.44	32.28	1440.10	200.8	-0.98	33.96	1446.60				
78.6	-1.45	32.30	1440.10	202.2	-0.95	34.00	1446.80				
80.0	-1.47	32.33	1440.00	203.5	-0.94	34.01	1446.90				
81.4	-1.44	32.34	1440.20	204.9	-0.89	34.03	1447.20				
82.7	-1.45	32.36	1440.30	206.3	-0.86	34.06	1447.40				
84.1	-1.45	32.38	1440.30	207.6	-0.81	34.07	1447.70				
85.5	-1.45	32.41	1440.40	209.0	-0.76	34.11	1448.00				
86.9	-1.45	32.44	1440.40	210.4	-0.75	34.13	1448.10				
88.1	-1.46	32.45	1440.40	211.7	-0.73	34.15	1448.30				
89.6	-1.46	32.46	1440.50	213.0	-0.71	34.17	1448.40				
91.0	-1.47	32.48	1440.50	214.4	-0.70	34.18	1448.50				
92.4	-1.47	32.50	1440.50	215.8	-0.69	34.19	1448.50				
93.8	-1.47	32.53	1440.50	217.1	-0.68	34.22	1448.70				
95.4	-1.48	32.54	1440.60	218.5	-0.67	34.23	1448.70				
96.8	-1.48	32.55	1440.60	219.7	-0.66	34.25	1448.90				
98.3	-1.48	32.56	1440.60	221.0	-0.64	34.26	1449.00				
99.8	-1.48	32.58	1440.70	222.3	-0.62	34.28	1449.10				

MIZPAC 85  
 DATE: 85/08/28  
 LAT: 71 22.4 N

DROP# 15 DOWN  
 TIME: 00:14:09  
 LON: 148 11.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.5	-1.43	26.15	1430.40	105.2	-1.54	32.50	1440.40	202.6	-1.13	33.85	1445.80
2.4	-1.43	27.58	1432.40	106.2	-1.54	32.51	1440.40	203.8	-1.13	33.91	1445.90
3.5	-1.43	28.10	1433.10	107.4	-1.54	32.52	1440.50	204.9	-1.25	33.94	1445.40
5.3	-1.43	28.33	1433.40	108.4	-1.54	32.53	1440.50	206.1	-1.18	33.93	1445.80
6.5	-1.43	28.37	1433.50	109.7	-1.54	32.54	1440.50	207.1	-1.26	34.02	1445.50
7.7	-1.43	28.39	1433.60	110.7	-1.54	32.56	1440.60	208.2	-1.27	33.99	1445.50
8.9	-1.43	28.40	1433.60	111.9	-1.53	32.57	1440.60	209.3	-1.31	34.01	1445.30
9.7	-1.43	28.38	1433.60	113.0	-1.53	32.58	1440.70	210.5	-1.25	34.00	1445.60
10.2	-1.43	28.43	1433.70	114.2	-1.53	32.60	1440.70	211.6	-1.21	34.01	1445.80
11.4	-1.43	28.41	1433.70	115.3	-1.54	32.62	1440.70	212.7	-1.19	34.03	1445.90
12.5	-1.43	28.40	1433.70	116.3	-1.57	32.64	1440.60	213.8	-1.14	34.04	1446.20
13.5	-1.43	28.40	1433.70	117.5	-1.57	32.65	1440.70	215.0	-1.12	34.07	1446.40
14.7	-1.43	28.40	1433.70	118.5	-1.57	32.66	1440.70	216.0	-1.09	34.07	1446.50
15.7	-1.43	28.41	1433.70	119.6	-1.57	32.67	1440.70	217.1	-1.04	34.08	1446.80
16.9	-1.42	28.41	1433.80	120.7	-1.57	32.68	1440.70	218.2	-0.95	34.10	1447.30
18.2	-1.40	28.40	1433.90	122.0	-1.58	32.69	1440.70	219.4	-0.89	34.12	1447.60
19.3	-1.36	28.44	1434.20	123.1	-1.60	32.70	1440.70	220.5	-0.86	34.15	1447.80
20.5	-1.25	28.70	1435.10	124.3	-1.63	32.72	1440.60	221.6	-0.81	34.16	1448.10
21.7	-1.23	28.88	1435.40	125.4	-1.60	32.72	1440.70	222.6	-0.78	34.19	1448.20
22.8	-1.21	29.13	1435.90	126.5	-1.57	32.74	1440.90	223.8	-0.76	34.21	1448.40
24.0	-1.18	29.28	1436.30	127.8	-1.58	32.76	1441.00	225.0	-0.74	34.24	1448.50
25.2	-1.19	29.39	1436.40	129.0	-1.58	32.77	1441.00	226.1	-0.71	34.25	1448.70
26.4	-1.23	29.55	1436.50	130.1	-1.59	32.79	1441.00	227.3	-0.69	34.27	1448.80
27.7	-1.24	29.74	1436.70	131.2	-1.57	32.80	1441.10	228.3	-0.67	34.28	1449.00
28.8	-1.26	29.88	1436.80	132.3	-1.57	32.81	1441.10	229.5	-0.65	34.30	1449.10
30.0	-1.27	30.05	1437.00	133.5	-1.58	32.83	1441.10	230.5	-0.63	34.33	1449.30
31.2	-1.16	30.04	1437.50	134.6	-1.59	32.84	1441.10	231.8	-0.63	34.34	1449.30
33.2	-1.39	30.44	1437.00	135.8	-1.59	32.86	1441.20	232.8	-0.62	34.34	1449.40
34.3	-1.40	30.53	1437.10	136.9	-1.58	32.87	1441.20	234.0	-0.61	34.35	1449.40
35.5	-1.42	30.62	1437.20	138.0	-1.59	32.89	1441.30	235.1	-0.60	34.36	1449.60
36.7	-1.38	30.67	1437.40	139.1	-1.58	32.89	1441.30	236.2	-0.58	34.38	1449.70
37.8	-1.39	30.79	1437.60	140.2	-1.59	32.92	1441.30	237.3	-0.57	34.38	1449.70
39.0	-1.37	30.86	1437.80	141.1	-1.59	32.94	1441.40	238.4	-0.56	34.40	1449.80
40.0	-1.38	31.02	1438.00	142.2	-1.57	32.95	1441.50	239.4	-0.54	34.41	1449.90
41.1	-1.37	31.11	1438.20	143.5	-1.58	32.97	1441.50	240.7	-0.52	34.42	1450.10
42.2	-1.37	31.22	1438.40	144.6	-1.59	32.99	1441.50	241.7	-0.51	34.43	1450.10
43.5	-1.37	31.29	1438.50	145.7	-1.57	33.00	1441.60	242.7	-0.50	34.44	1450.20
44.7	-1.36	31.35	1438.60	146.7	-1.57	33.02	1441.70	243.8	-0.49	34.44	1450.30
45.9	-1.37	31.45	1438.80	148.0	-1.57	33.03	1441.70	245.0	-0.48	34.45	1450.40
46.9	-1.38	31.49	1438.80	149.1	-1.57	33.05	1441.80	246.0	-0.47	34.46	1450.40
48.1	-1.38	31.55	1438.90	150.3	-1.57	33.06	1441.80	247.2	-0.45	34.46	1450.60
49.2	-1.39	31.61	1438.90	152.1	-1.57	33.09	1441.80	248.3	-0.44	34.47	1450.70
50.4	-1.39	31.63	1439.00	153.8	-1.58	33.11	1441.80	249.5	-0.42	34.49	1450.80
51.5	-1.40	31.68	1439.00	154.8	-1.59	33.12	1441.80	250.5	-0.41	34.49	1450.80
52.6	-1.38	31.69	1439.20	156.0	-1.59	33.13	1441.90	251.5	-0.40	34.50	1450.90
53.9	-1.40	31.74	1439.20	157.1	-1.59	33.14	1441.90	252.7	-0.39	34.50	1451.00
59.4	-1.34	31.92	1439.80	158.3	-1.59	33.14	1441.90	253.8	-0.38	34.51	1451.10
60.5	-1.44	31.97	1439.40	159.4	-1.59	33.16	1442.00	255.0	-0.37	34.51	1451.20
61.7	-1.38	31.95	1439.70	160.9	-1.57	33.18	1442.10	256.1	-0.36	34.52	1451.20
63.2	-1.39	31.98	1439.70	162.0	-1.58	33.20	1442.10	257.2	-0.35	34.53	1451.30
64.4	-1.43	32.02	1439.60	163.6	-1.58	33.21	1442.10	258.4	-0.33	34.53	1451.40
65.5	-1.42	32.03	1439.60	163.6	-1.58	33.21	1442.10	259.5	-0.32	34.54	1451.50
66.7	-1.41	32.03	1439.70	164.7	-1.58	33.22	1442.20	260.6	-0.31	34.54	1451.50
67.8	-1.37	32.03	1439.90	165.9	-1.56	33.24	1442.30	261.8	-0.30	34.55	1451.60
69.0	-1.33	32.06	1440.10	167.1	-1.58	33.27	1442.30	262.9	-0.29	34.55	1451.70
70.1	-1.37	32.08	1440.00	168.5	-1.54	33.28	1442.50	264.0	-0.28	34.55	1451.80
71.3	-1.37	32.10	1440.10	169.7	-1.53	33.30	1442.60	265.3	-0.27	34.56	1451.80
72.3	-1.45	32.13	1439.80	170.9	-1.52	33.32	1442.70	266.2	-0.26	34.56	1451.90
73.4	-1.43	32.10	1439.80	172.1	-1.51	33.34	1442.80	267.3	-0.25	34.57	1452.00
75.1	-1.36	32.13	1440.20	173.2	-1.49	33.36	1443.00	268.4	-0.23	34.57	1452.10
76.1	-1.37	32.15	1440.20	174.4	-1.48	33.38	1443.00	269.6	-0.20	34.58	1452.20
77.2	-1.42	32.18	1440.10	175.5	-1.48	33.39	1443.10	270.7	-0.19	34.58	1452.30
78.3	-1.39	32.17	1440.20	176.7	-1.48	33.40	1443.10	271.7	-0.18	34.58	1452.40
79.5	-1.36	32.18	1440.40	177.7	-1.46	33.42	1443.30	272.8	-0.16	34.59	1452.50
80.5	-1.39	32.21	1440.30	178.9	-1.56	33.50	1442.90	274.0	-0.15	34.59	1452.60
81.7	-1.39	32.21	1440.30	180.0	-1.53	33.47	1443.00				
82.8	-1.41	32.24	1440.30	181.2	-1.52	33.49	1443.10				
84.3	-1.44	32.25	1440.20	182.4	-1.52	33.50	1443.20				
85.5	-1.42	32.26	1440.30	183.4	-1.52	33.53	1443.20				
86.7	-1.44	32.27	1440.30	184.5	-1.55	33.56	1443.10				
87.9	-1.57	32.31	1439.70	185.7	-1.56	33.58	1443.10				
89.1	-1.48	32.28	1440.10	186.7	-1.56	33.58	1443.20				
90.1	-1.45	32.31	1440.30	187.9	-1.54	33.60	1443.30				
91.4	-1.45	32.32	1440.30	188.9	-1.53	33.62	1443.40				
92.5	-1.47	32.35	1440.30	190.1	-1.53	33.63	1443.40				
94.2	-1.48	32.38	1440.30	191.2	-1.50	33.63	1443.60				
95.3	-1.48	32.38	1440.40	192.4	-1.49	33.67	1443.70				
96.4	-1.49	32.41	1440.30	193.4	-1.45	33.67	1443.90				
97.9	-1.53	32.41	1440.20	195.1	-1.31	33.69	1444.60				
99.1	-1.57	32.45	1440.10	195.8	-1.28	33.71	1444.80				
100.1	-1.53	32.44	1440.30	196.9	-1.28	33.74	1444.90				
100.9	-1.53	32.46	1440.30	198.2	-1.22	33.74	1445.20				
101.4	-1.54	32.47	1440.30	199.2	-1.20	33.78	1445.30				
102.9	-1.55	32.48	1440.30	200.4	-1.18	33.81	1445.50				
104.1	-1.54	32.49	1440.30	201.5	-1.15	33.83	1445.70				



MIZPAC 85  
 DATE: 85/08/28  
 LAT: 71 42.9 N

DROP# 16 DOWN  
 TIME: 18:16:00  
 LON: 149 16.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	0.14	27.15	1439.10	123.1	-1.52	32.77	1441.10	250.3	-0.42	34.49	1450.80
2.0	-1.39	26.81	1431.50	124.8	-1.54	32.78	1441.10	251.8	-0.40	34.49	1450.90
3.7	-1.41	27.46	1432.30	126.4	-1.57	32.81	1441.00	253.2	-0.38	34.50	1451.00
5.3	-1.41	27.55	1432.50	127.9	-1.58	32.83	1441.10	254.7	-0.36	34.51	1451.20
6.9	-1.41	27.58	1432.50	129.4	-1.58	32.85	1441.10	256.2	-0.34	34.52	1451.30
8.6	-1.41	27.60	1432.60	130.8	-1.59	32.88	1441.10	257.7	-0.32	34.53	1451.40
9.8	-1.40	27.71	1432.80	132.3	-1.59	32.89	1441.10	259.3	-0.31	34.54	1451.50
11.8	-1.41	27.60	1432.70	133.7	-1.60	32.91	1441.20	260.7	-0.29	34.54	1451.60
13.2	-1.40	27.61	1432.70	135.1	-1.60	32.92	1441.20	262.2	-0.28	34.55	1451.70
14.7	-1.40	27.61	1432.80	136.6	-1.61	32.96	1441.20	263.8	-0.26	34.55	1451.80
16.1	-1.38	27.68	1433.00	138.1	-1.61	32.99	1441.30	265.3	-0.24	34.56	1452.00
17.6	-1.36	27.73	1433.20	139.5	-1.61	33.01	1441.30	266.9	-0.23	34.57	1452.10
18.9	-1.24	28.09	1434.30	141.0	-1.62	33.04	1441.40	268.4	-0.22	34.57	1452.10
20.3	-1.20	28.37	1434.90	142.6	-1.62	33.06	1441.40	269.9	-0.21	34.58	1452.20
21.8	-1.19	28.55	1435.20	144.1	-1.62	33.08	1441.50	271.4	-0.20	34.58	1452.30
23.1	-1.17	28.67	1435.50	145.5	-1.63	33.09	1441.50	272.9	-0.18	34.58	1452.40
24.5	-1.15	28.78	1435.80	147.0	-1.62	33.09	1441.50	274.4	-0.17	34.59	1452.50
26.0	-1.14	28.94	1436.00	148.5	-1.62	33.11	1441.60	275.8	-0.14	34.59	1452.60
27.3	-1.15	29.09	1436.20	149.9	-1.63	33.12	1441.60	277.2	-0.12	34.60	1452.80
28.8	-1.17	29.32	1436.50	151.4	-1.63	33.13	1441.60	278.7	-0.10	34.61	1452.90
30.4	-1.18	29.49	1436.70	152.9	-1.62	33.14	1441.70	280.2	-0.09	34.62	1453.00
32.0	-1.19	29.68	1436.90	154.4	-1.61	33.16	1441.80	281.6	-0.08	34.62	1453.10
33.4	-1.22	29.83	1437.00	156.0	-1.62	33.17	1441.80	283.1	-0.05	34.63	1453.20
34.8	-1.25	29.97	1437.10	157.4	-1.61	33.21	1441.90	284.7	-0.04	34.63	1453.30
36.3	-1.26	30.14	1437.30	159.1	-1.62	33.23	1441.90	286.2	-0.03	34.63	1453.40
37.7	-1.30	30.27	1437.30	160.5	-1.61	33.26	1442.00	287.5	-0.02	34.64	1453.50
39.0	-1.32	30.46	1437.50	162.0	-1.61	33.27	1442.10	288.9	-0.01	34.64	1453.50
40.6	-1.32	30.63	1437.70	163.6	-1.61	33.30	1442.20	290.4	0.01	34.65	1453.70
42.0	-1.34	30.78	1437.90	165.0	-1.60	33.31	1442.20	291.8	0.02	34.65	1453.70
43.4	-1.34	30.93	1438.10	166.6	-1.56	33.33	1442.40	293.3	0.03	34.66	1453.80
44.8	-1.35	31.11	1438.30	168.2	-1.57	33.36	1442.50				
46.1	-1.34	31.21	1438.60	169.7	-1.57	33.35	1442.50				
47.7	-1.34	31.28	1438.70	171.2	-1.56	33.40	1442.60				
49.0	-1.35	31.40	1438.80	172.7	-1.56	33.40	1442.70				
50.4	-1.36	31.54	1439.00	174.2	-1.53	33.42	1442.80				
51.5	-1.37	31.59	1439.00	175.6	-1.45	33.43	1443.30				
53.0	-1.36	31.64	1439.20	177.2	-1.49	33.49	1443.20				
54.2	-1.33	31.67	1439.40	178.6	-1.44	33.46	1443.40				
55.7	-1.31	31.73	1439.60	180.1	-1.41	33.50	1443.60				
57.3	-1.30	31.77	1439.70	181.6	-1.38	33.52	1443.80				
58.7	-1.28	31.80	1439.90	183.2	-1.35	33.56	1444.10				
60.2	-1.31	31.86	1439.80	184.7	-1.35	33.60	1444.10				
61.4	-1.32	31.90	1439.90	186.1	-1.31	33.59	1444.40				
62.8	-1.33	31.94	1439.90	187.6	-1.25	33.64	1444.70				
64.3	-1.34	31.97	1439.90	189.1	-1.21	33.67	1445.00				
65.7	-1.34	32.00	1440.00	190.6	-1.19	33.72	1445.20				
66.9	-1.35	32.03	1440.00	192.1	-1.16	33.74	1445.30				
68.3	-1.34	32.06	1440.10	193.6	-1.13	33.78	1445.60				
69.6	-1.38	32.10	1440.00	195.1	-1.10	33.81	1445.80				
71.0	-1.39	32.12	1440.00	196.6	-1.08	33.84	1445.90				
72.4	-1.40	32.14	1440.00	198.1	-1.25	33.90	1445.30				
73.8	-1.41	32.15	1440.00	199.5	-1.06	33.89	1446.10				
75.2	-1.44	32.17	1439.90	201.0	-1.20	33.97	1445.60				
76.6	-1.44	32.19	1440.00	202.5	-1.29	33.97	1445.20				
78.0	-1.45	32.22	1440.00	204.1	-1.17	33.93	1445.80				
79.3	-1.45	32.24	1440.00	205.6	-1.21	33.98	1445.70				
80.8	-1.45	32.26	1440.10	207.0	-1.15	34.02	1446.00				
82.2	-1.45	32.28	1440.10	208.5	-1.13	34.01	1446.10				
83.6	-1.46	32.31	1440.10	209.9	-0.99	34.03	1446.80				
85.1	-1.44	32.32	1440.30	211.3	-1.14	34.10	1446.30				
86.5	-1.47	32.35	1440.20	212.8	-1.11	34.08	1446.40				
88.3	-1.49	32.38	1440.20	214.3	-1.04	34.09	1446.80				
89.5	-1.47	32.38	1440.30	215.8	-0.98	34.10	1447.10				
91.0	-1.49	32.41	1440.20	217.3	-0.93	34.14	1447.40				
92.4	-1.50	32.42	1440.30	218.7	-0.89	34.17	1447.60				
93.9	-1.48	32.45	1440.40	220.2	-0.85	34.20	1447.90				
95.3	-1.48	32.46	1440.50	221.7	-0.80	34.21	1448.20				
96.8	-1.48	32.48	1440.50	223.2	-0.75	34.23	1448.40				
98.2	-1.49	32.50	1440.50	224.7	-0.69	34.26	1448.80				
99.6	-1.49	32.51	1440.60	226.2	-0.65	34.28	1449.00				
100.8	-1.49	32.53	1440.60	227.6	-0.64	34.31	1449.10				
102.2	-1.49	32.54	1440.70	229.2	-0.62	34.32	1449.30				
103.1	-1.49	32.58	1440.70	230.6	-0.60	34.34	1449.40				
104.9	-1.50	32.58	1440.70	232.6	-0.58	34.37	1449.60				
106.3	-1.50	32.59	1440.70	234.1	-0.57	34.38	1449.70				
107.8	-1.50	32.61	1440.80	235.5	-0.56	34.39	1449.80				
109.2	-1.51	32.61	1440.70	237.0	-0.55	34.40	1449.90				
110.7	-1.51	32.64	1440.80	238.6	-0.54	34.40	1449.90				
112.0	-1.50	32.65	1440.90	240.0	-0.51	34.42	1450.10				
113.7	-1.51	32.67	1440.90	241.5	-0.50	34.43	1450.20				
115.3	-1.51	32.69	1441.00	243.0	-0.48	34.45	1450.30				
116.9	-1.52	32.70	1441.00	244.4	-0.47	34.46	1450.40				
118.4	-1.52	32.71	1441.00	246.0	-0.46	34.46	1450.50				
119.9	-1.52	32.73	1441.00	247.4	-0.44	34.47	1450.60				
121.6	-1.52	32.75	1441.10	248.9	-0.43	34.48	1450.70				

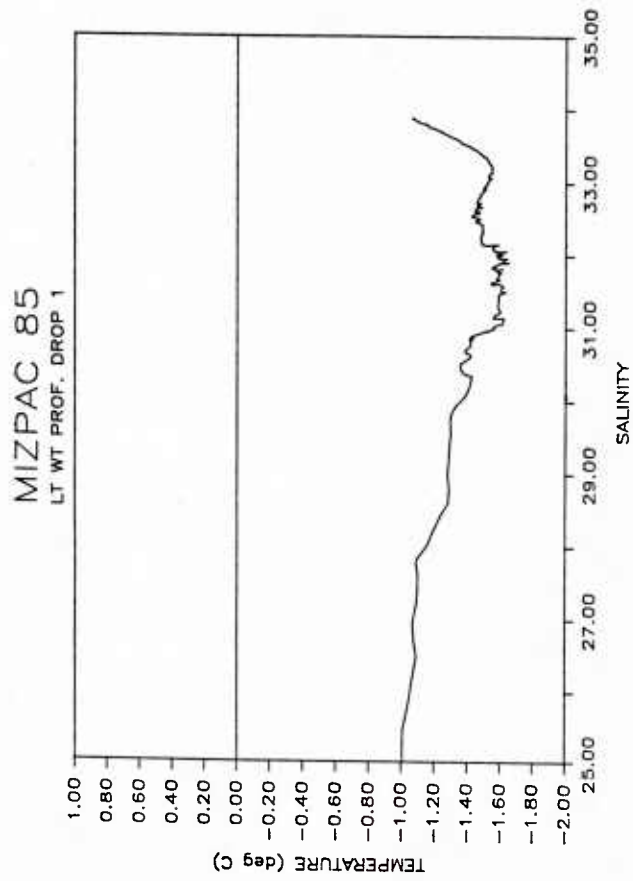
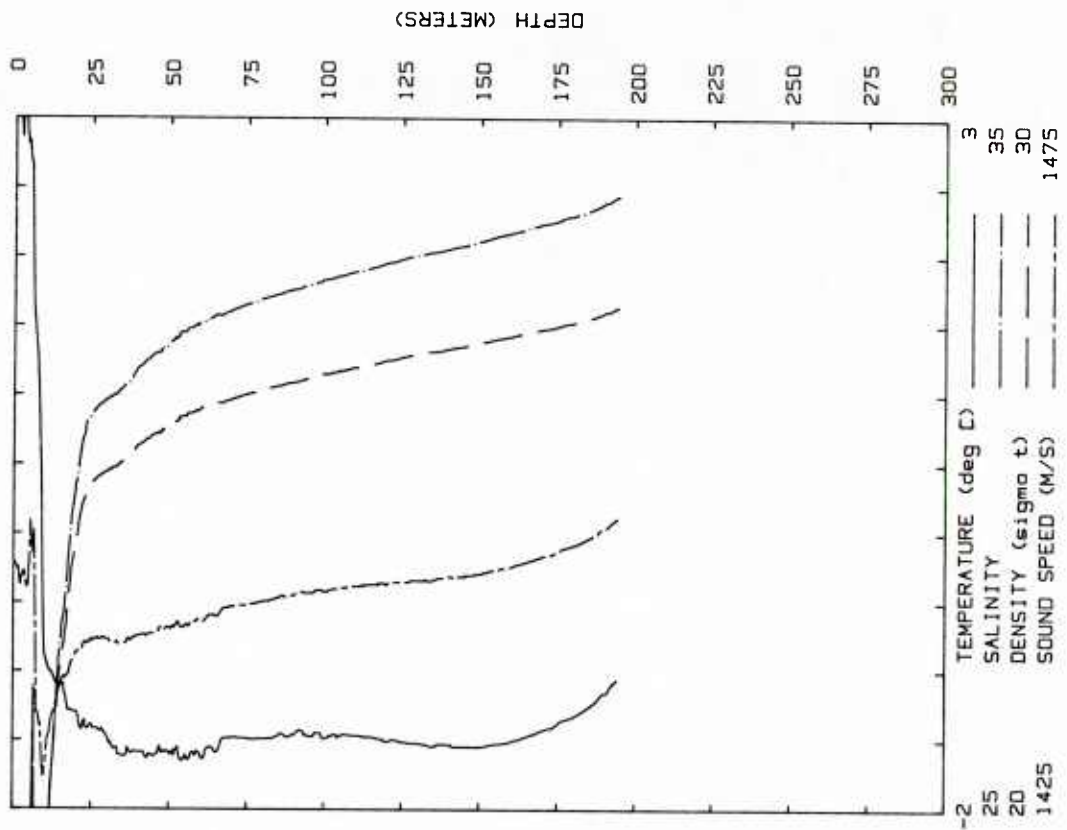
MIZPAC 85  
 DATE: 85/09/08  
 LAT: 71 29.6 N

DROP# 66 DOWN  
 TIME: 11:40:00  
 LON: 150 02.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
4.0	-1.34	26.49	1431.40	99.6	-1.55	32.53	1440.30	197.0	-1.09	33.83	1445.90
5.2	-1.35	27.29	1432.40	100.2	-1.54	32.47	1440.30	198.1	-1.05	33.89	1446.20
6.3	-1.38	27.68	1432.80	101.3	-1.55	32.50	1440.30	199.1	-1.08	33.97	1446.10
7.3	-1.38	27.81	1433.00	102.6	-1.58	32.51	1440.20	200.3	-1.16	34.03	1445.90
8.5	-1.38	27.97	1433.20	103.6	-1.58	32.50	1440.20	201.4	-1.26	34.03	1445.40
9.3	-1.38	28.28	1433.70	104.7	-1.58	32.53	1440.20	202.4	-1.27	34.06	1445.40
9.6	-1.38	28.29	1433.70	105.8	-1.57	32.52	1440.30	203.5	-1.27	34.02	1445.40
10.7	-1.38	28.05	1433.40	106.9	-1.59	32.55	1440.30	204.5	-1.14	33.99	1446.00
11.9	-1.38	28.04	1433.40	108.1	-1.59	32.57	1440.30	205.7	-1.21	34.08	1445.80
13.2	-1.38	28.04	1433.40	109.3	-1.59	32.58	1440.30	206.8	-1.17	34.07	1446.00
14.4	-1.38	28.03	1433.50	110.4	-1.59	32.58	1440.40	207.8	-1.09	34.10	1446.50
15.6	-1.37	28.03	1433.50	111.6	-1.59	32.60	1440.40	208.9	-0.86	34.07	1447.50
16.9	-1.36	28.03	1433.60	112.8	-1.60	32.61	1440.40	209.9	-0.86	34.14	1447.60
18.1	-1.36	28.03	1433.60	114.0	-1.60	32.63	1440.40	211.0	-0.87	34.13	1447.60
19.3	-1.34	28.03	1433.70	115.0	-1.61	32.64	1440.40	211.9	-0.85	34.16	1447.70
20.6	-1.30	28.06	1434.00	116.3	-1.62	32.65	1440.40	213.0	-0.81	34.17	1447.90
21.8	-1.20	28.28	1434.70	117.4	-1.62	32.65	1440.40	214.0	-0.78	34.18	1448.10
23.0	-1.19	28.58	1435.20	118.5	-1.62	32.66	1440.50	215.1	-0.78	34.21	1448.20
24.1	0.02	28.24	1440.50	119.7	-1.62	32.67	1440.50	216.1	-0.81	34.22	1448.10
25.3	2.00	28.58	1450.00	121.0	-1.59	32.68	1440.60	217.2	-0.76	34.22	1448.30
26.5	3.04	29.44	1455.70	122.1	-1.60	32.70	1440.70	218.3	-0.69	34.22	1448.60
27.7	2.27	29.87	1453.00	123.2	-1.59	32.70	1440.70	219.4	-0.65	34.25	1448.90
28.7	1.41	30.27	1449.70	124.6	-1.60	32.72	1440.70	220.4	-0.64	34.28	1449.00
29.9	1.24	30.56	1449.30	125.8	-1.61	32.74	1440.80	221.6	-0.64	34.29	1449.00
31.1	0.93	30.12	1447.30	126.9	-1.61	32.74	1440.70	222.6	-0.64	34.32	1449.10
32.1	0.50	30.62	1446.10	128.1	-1.61	32.76	1440.80	223.7	-0.61	34.32	1449.20
33.3	0.22	30.79	1445.00	129.2	-1.60	32.78	1440.90	224.7	-0.60	34.34	1449.40
34.5	0.45	30.75	1446.10	130.4	-1.56	32.78	1441.10	225.8	-0.58	34.36	1449.50
35.6	0.79	30.84	1447.80	131.5	-1.54	32.80	1441.20	226.8	-0.57	34.37	1449.50
36.8	0.81	30.97	1448.00	132.7	-1.54	32.82	1441.30	227.9	-0.55	34.37	1449.60
37.8	0.66	31.20	1447.70	133.9	-1.54	32.84	1441.30	228.9	-0.54	34.39	1449.70
39.1	0.57	31.19	1447.30	135.0	-1.54	32.85	1441.40	230.1	-0.53	34.40	1449.80
40.3	0.53	31.25	1447.20	136.1	-1.56	32.88	1441.30	231.1	-0.53	34.41	1449.90
41.5	-0.30	31.84	1444.20	137.2	-1.56	32.89	1441.40	232.3	-0.51	34.42	1450.00
42.5	-0.46	31.49	1443.00	138.3	-1.57	32.91	1441.40	233.4	-0.50	34.43	1450.10
43.8	-0.39	31.62	1443.50	139.4	-1.57	32.92	1441.40	234.4	-0.49	34.43	1450.10
45.0	-0.68	31.77	1442.40	140.6	-1.57	32.93	1441.40	235.5	-0.47	34.45	1450.30
46.0	-0.52	31.71	1443.10	141.7	-1.56	32.96	1441.50	236.5	-0.46	34.45	1450.40
47.2	-0.66	31.88	1442.70	143.0	-1.56	32.98	1441.60	237.7	-0.44	34.46	1450.40
48.3	-0.67	31.79	1442.60	144.2	-1.56	32.99	1441.60	238.7	-0.43	34.47	1450.50
49.5	-0.93	31.95	1441.60	145.3	-1.57	33.01	1441.60	239.9	-0.43	34.48	1450.60
50.6	-1.09	31.94	1440.80	146.4	-1.60	33.04	1441.60	240.9	-0.42	34.48	1450.60
51.7	-1.09	31.95	1440.90	147.6	-1.60	33.05	1441.60	241.9	-0.41	34.48	1450.70
52.7	-1.15	31.95	1440.60	148.7	-1.60	33.06	1441.60	243.0	-0.41	34.48	1450.70
53.9	-1.09	31.96	1440.90	149.9	-1.60	33.07	1441.60	244.1	-0.40	34.49	1450.80
55.0	-1.19	32.04	1440.60	151.0	-1.59	33.08	1441.70	245.1	-0.41	34.50	1450.80
56.0	-1.26	32.05	1440.30	152.2	-1.60	33.11	1441.70	246.2	-0.42	34.51	1450.80
57.3	-1.32	32.07	1440.00	153.3	-1.60	33.13	1441.80	247.2	-0.41	34.51	1450.80
58.4	-1.34	32.07	1439.90	154.5	-1.60	33.14	1441.80	248.2	-0.41	34.51	1450.90
59.6	-1.30	32.07	1440.20	155.6	-1.60	33.15	1441.80	249.4	-0.40	34.52	1450.90
60.8	-1.36	32.13	1440.00	156.8	-1.60	33.18	1441.90	250.4	-0.40	34.52	1450.90
61.9	-1.40	32.12	1439.80	158.0	-1.59	33.20	1442.00	251.5	-0.39	34.52	1451.00
63.0	-1.40	32.12	1439.80	159.1	-1.56	33.22	1442.20	252.6	-0.37	34.52	1451.10
64.1	-1.37	32.13	1440.00	160.3	-1.55	33.25	1442.30	253.6	-0.35	34.53	1451.20
65.1	-1.43	32.15	1439.80	161.4	-1.55	33.25	1442.30	254.6	-0.33	34.53	1451.30
66.2	-1.43	32.13	1439.70	162.5	-1.58	33.30	1442.30	255.6	-0.32	34.54	1451.40
67.4	-1.39	32.14	1440.00	163.6	-1.58	33.30	1442.30	256.7	-0.31	34.54	1451.50
68.6	-1.35	32.15	1440.20	164.8	-1.59	33.32	1442.30	257.6	-0.30	34.54	1451.50
69.6	-1.37	32.17	1440.20	165.9	-1.57	33.32	1442.40	258.6	-0.30	34.56	1451.60
70.8	-1.33	32.15	1440.30	167.1	-1.57	33.34	1442.40	259.7	-0.29	34.56	1451.70
71.7	-1.28	32.16	1440.60	168.2	-1.55	33.35	1442.60	260.7	-0.28	34.56	1451.70
72.7	-1.28	32.19	1440.60	169.4	-1.53	33.38	1442.70	261.9	-0.28	34.56	1451.80
73.8	-1.25	32.19	1440.80	170.4	-1.54	33.41	1442.80	262.9	-0.27	34.57	1451.80
75.0	-1.33	32.23	1440.50	171.4	-1.54	33.42	1442.80				
76.1	-1.42	32.23	1440.10	172.6	-1.53	33.42	1442.80				
77.2	-1.33	32.22	1440.50	173.6	-1.53	33.45	1442.90				
78.4	-1.30	32.24	1440.70	174.8	-1.51	33.46	1443.00				
79.5	-1.26	32.23	1440.90	175.8	-1.50	33.47	1443.10				
80.7	-1.42	32.33	1440.30	176.8	-1.48	33.49	1443.20				
81.7	-1.37	32.29	1440.50	177.9	-1.47	33.51	1443.30				
82.8	-1.42	32.30	1440.30	178.9	-1.45	33.52	1443.40				
84.0	-1.44	32.33	1440.30	180.1	-1.43	33.55	1443.60				
85.0	-1.45	32.33	1440.20	181.3	-1.45	33.57	1443.60				
86.1	-1.45	32.33	1440.30	182.4	-1.44	33.58	1443.70				
87.2	-1.46	32.34	1440.30	183.5	-1.42	33.60	1443.80				
88.4	-1.47	32.35	1440.20	184.5	-1.45	33.62	1443.70				
89.5	-1.46	32.35	1440.30	185.7	-1.43	33.63	1443.80				
90.7	-1.47	32.36	1440.30	186.9	-1.48	33.67	1443.70				
91.8	-1.47	32.37	1440.30	188.0	-1.47	33.67	1443.80				
92.9	-1.47	32.38	1440.30	189.1	-1.47	33.70	1443.80				
93.9	-1.48	32.39	1440.30	191.4	-1.38	33.72	1444.30				
95.2	-1.49	32.40	1440.30	192.6	-1.37	33.74	1444.40				
96.3	-1.50	32.42	1440.30	193.7	-1.31	33.75	1444.70				
97.4	-1.51	32.43	1440.30	194.7	-1.31	33.82	1444.80				
98.6	-1.52	32.45	1440.30	195.8	-1.26	33.83	1445.10				

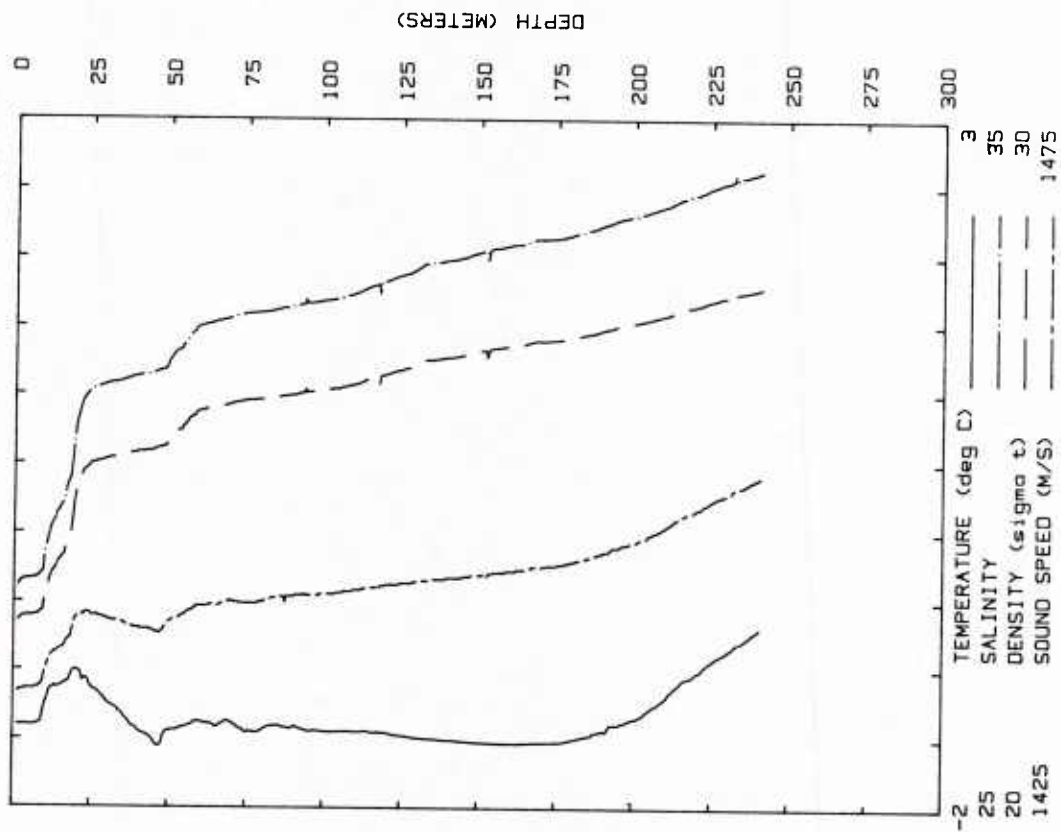
DROP # 1 DOWN  
 LAT 70 11.1 N  
 LON 136 44.1 W  
 DATE 08-17-1985  
 TIME 22:47:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 16

# MIZPAC 85 CTD PROFILE

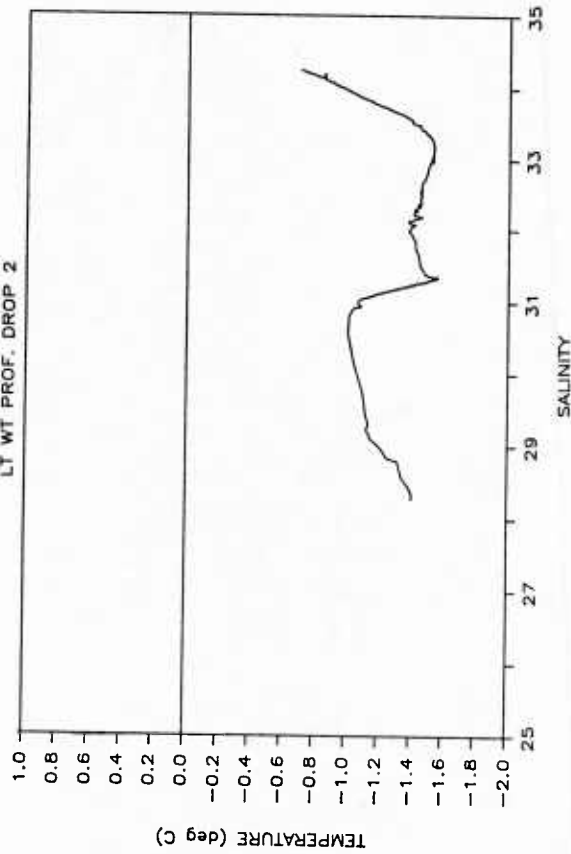


DROP # 2 DOWN  
 LAT 71 13.5 N  
 LON 134 19.0 W  
 DATE 08-21-1985  
 TIME 22:30:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 CONO. # 16

# MIZPAC 85 CTD PROFILE



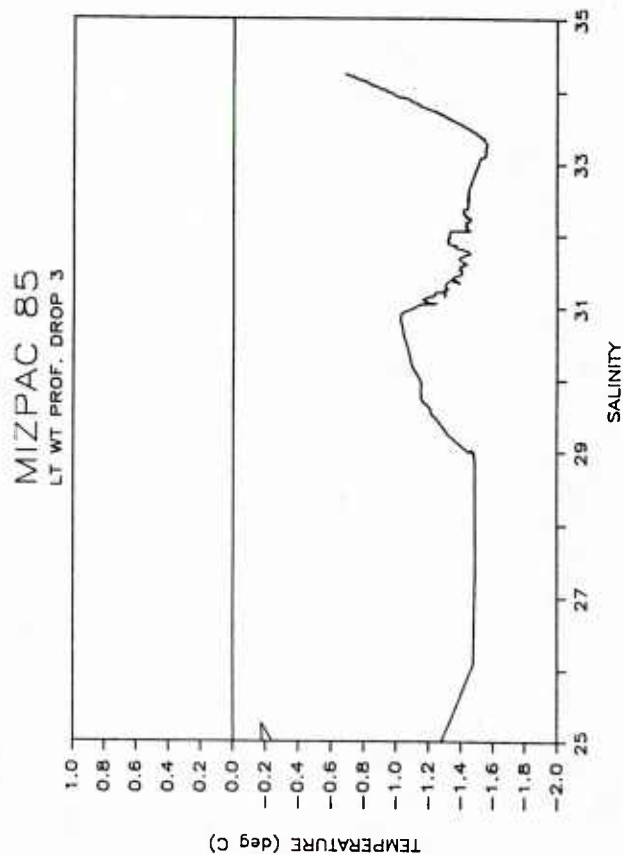
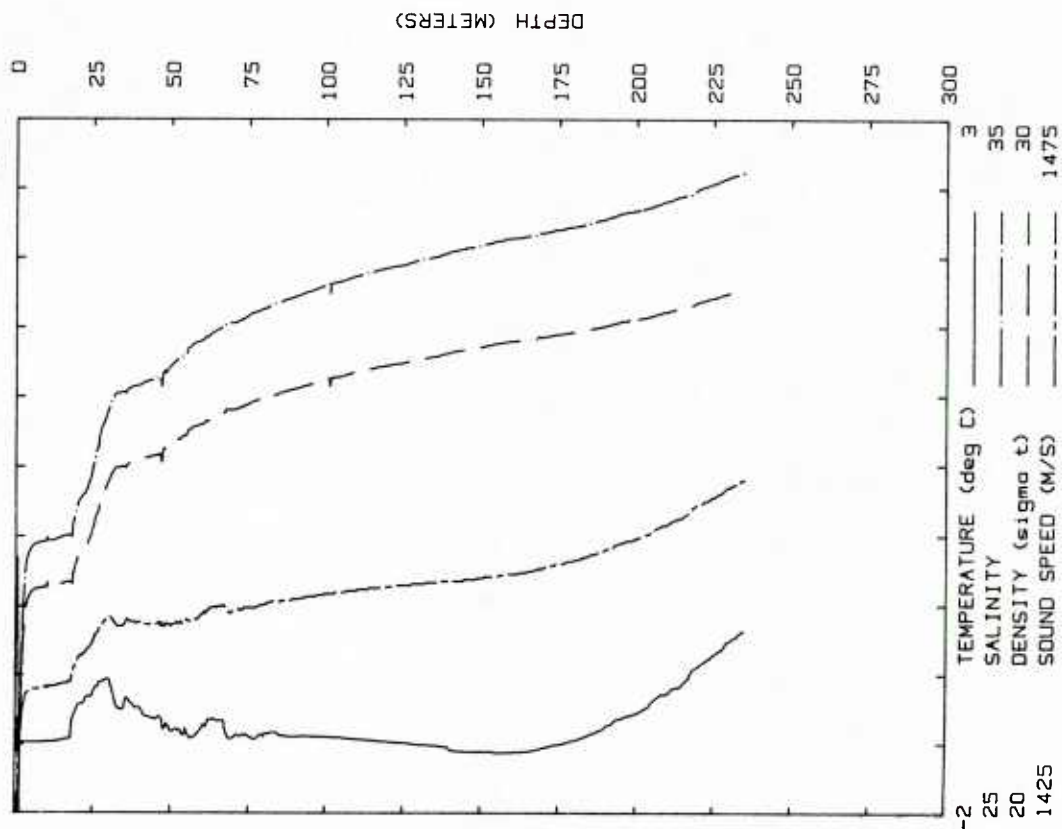
# MIZPAC 85 LT WT PROF. DROP 2





DROP # 3 DOWN  
 LAT 71 29.5 N  
 LON 134 15.0 W  
 DATE 08-21-1985  
 TIME 23:00:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 16

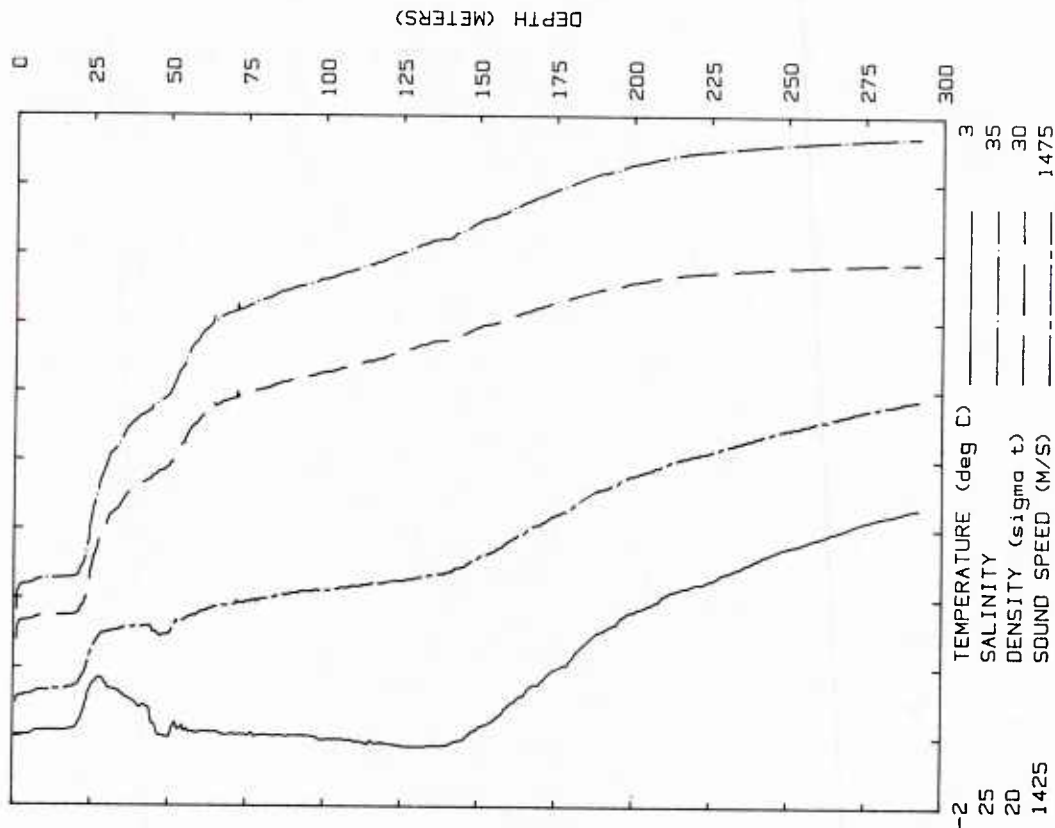
# MIZPAC 85 CTD PROFILE



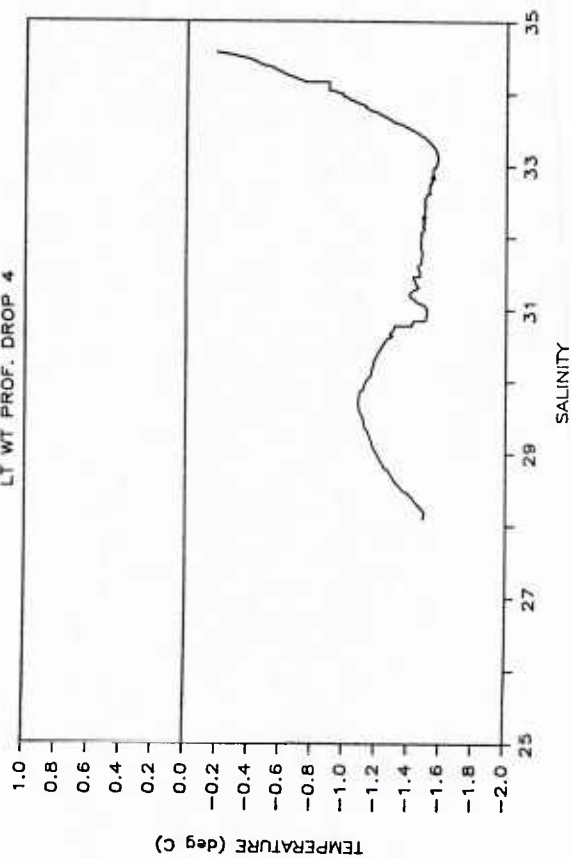


DROP # 4 DOWN  
 LAT 71 42.9 N  
 LON 134 15.0 W  
 DATE 08-24-1985  
 TIME 17:00:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 20

# MIZPAC 85 CTD PROFILE

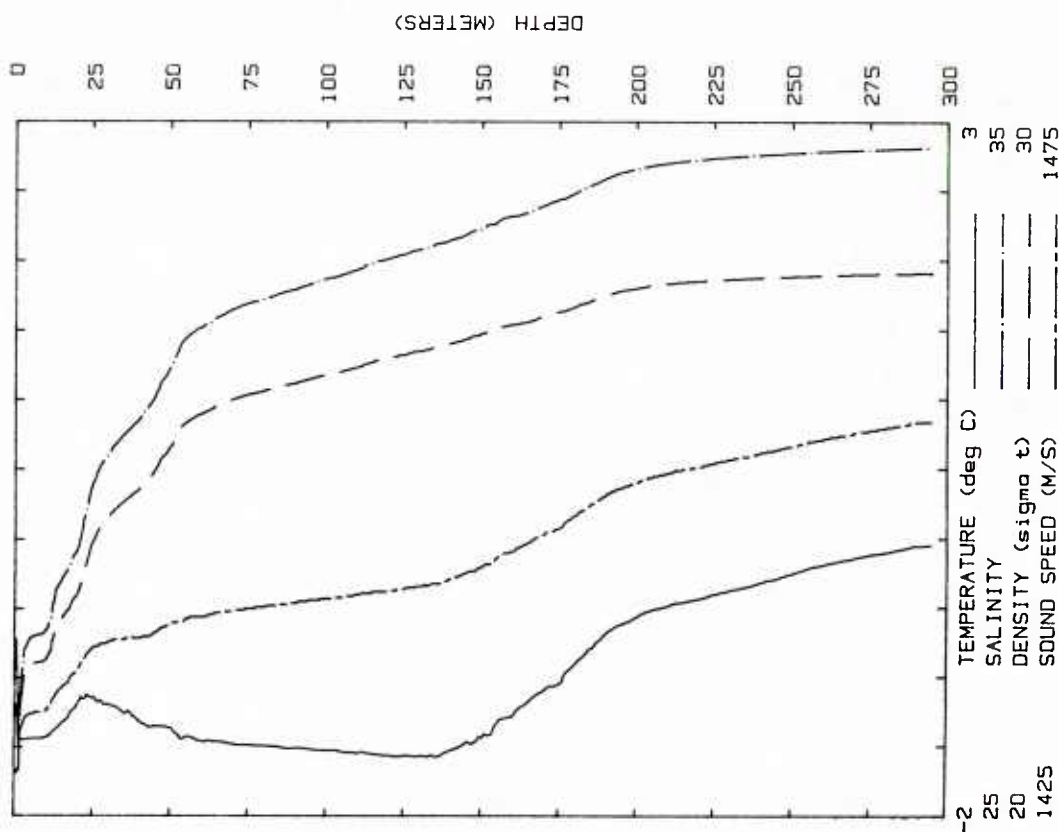


## MIZPAC 85 LT WT PROF. DROP 4

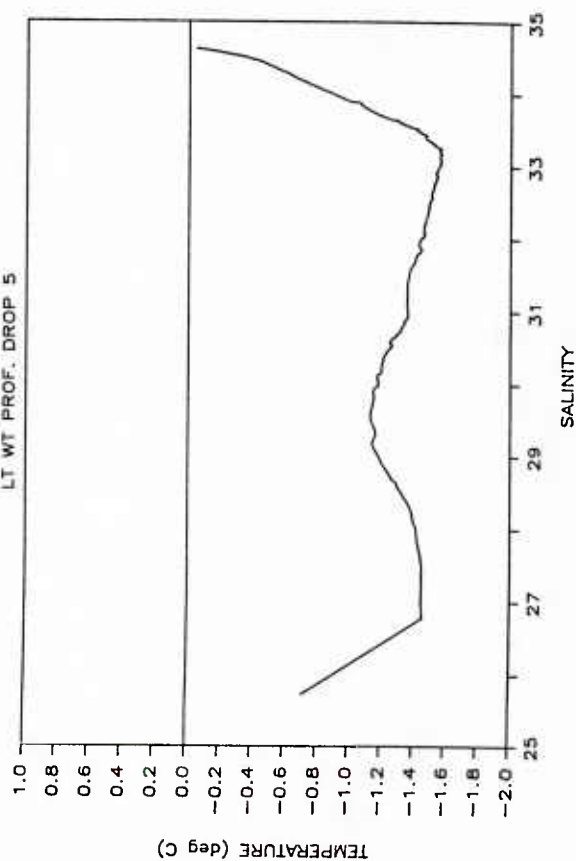


DROP # 5 DOWN  
 LAT 71 29.5 N  
 LON 142 58.0 W  
 DATE 08-24-1985  
 TIME 18:00:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 CONO. # 20

# MIZPAC 85 CTD PROFILE

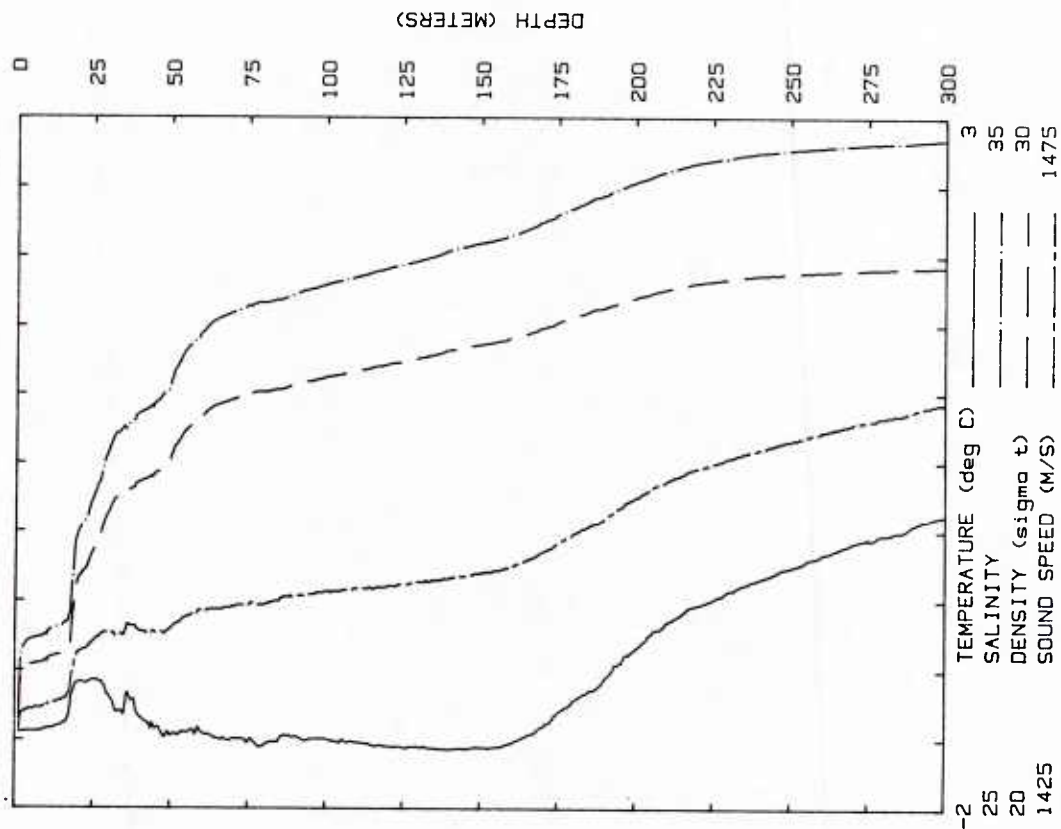


## MIZPAC 85 LT WT PROF. DROP 5

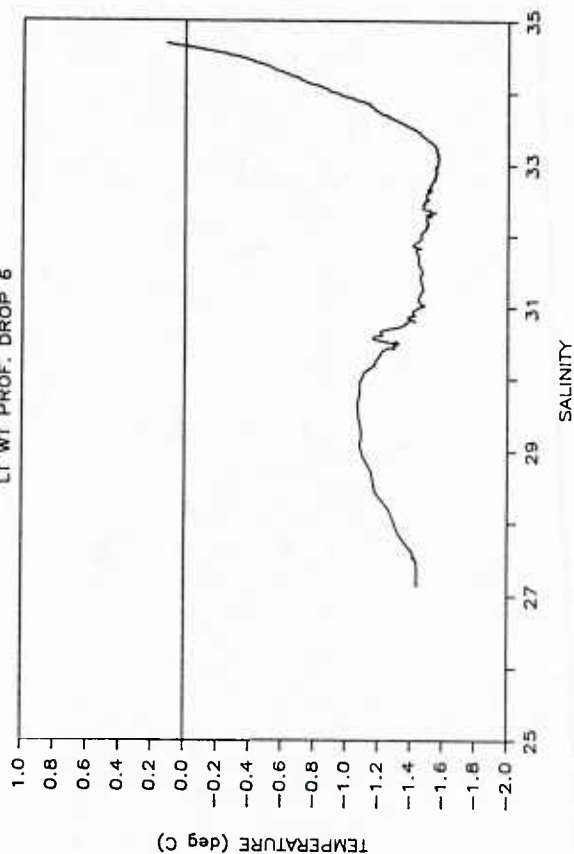


DROP # 6 DOWN  
 LAT 71 14.0 N  
 LON 142 59.0 W  
 DATE 08-24-1985  
 TIME 18:45:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 20

# MIZPAC 85 CTD PROFILE

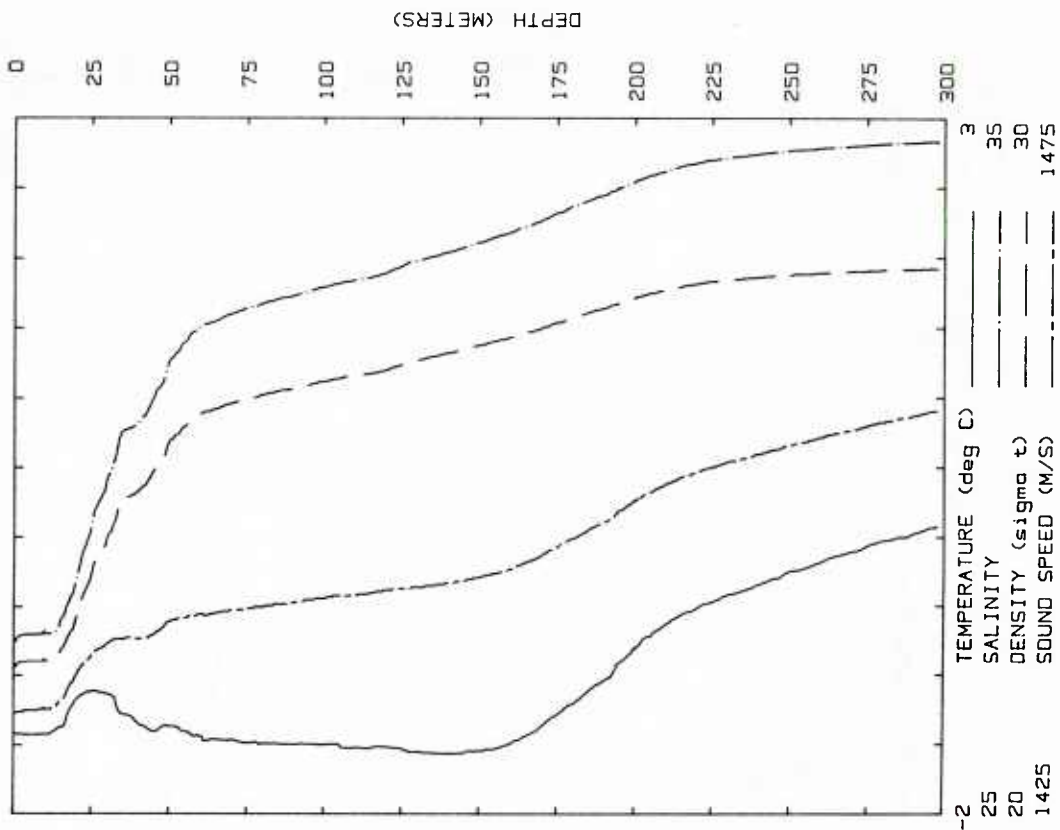


## MIZPAC 85 LT WT PROF. DROP 6

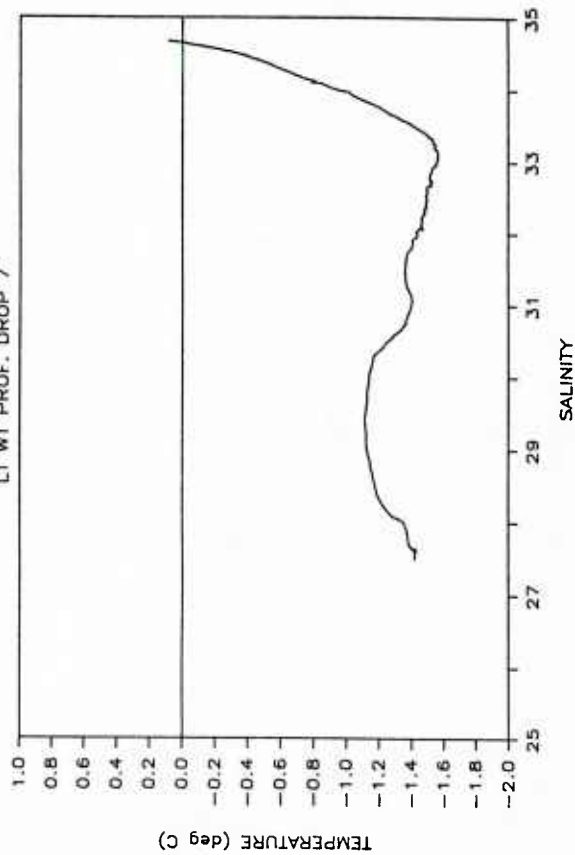


DROP # 7 DOWN  
 LAT 71 10.2 N  
 LON 143 36.0 W  
 DATE 08-25-1985  
 TIME 22:57:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 CONDO. # 20

# MIZPAC 85 CTD PROFILE

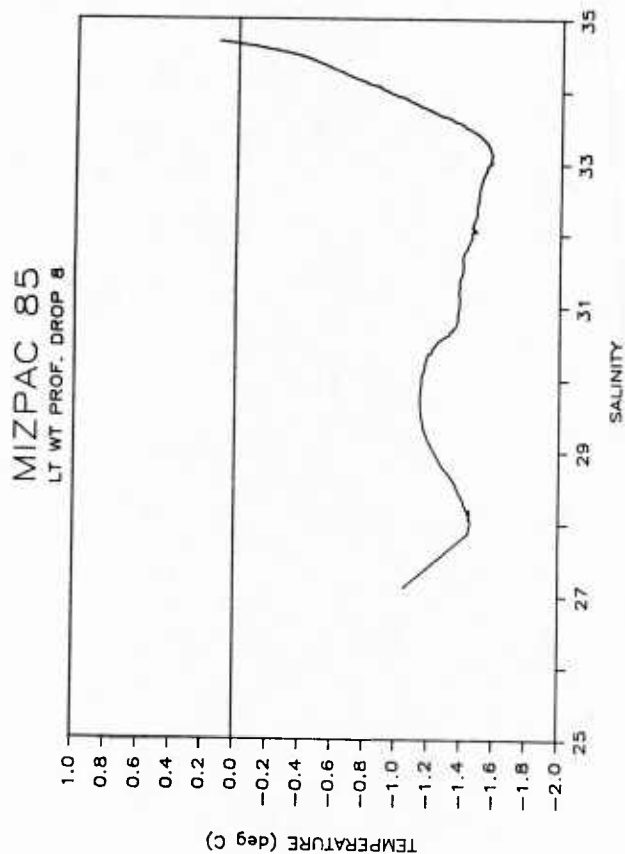
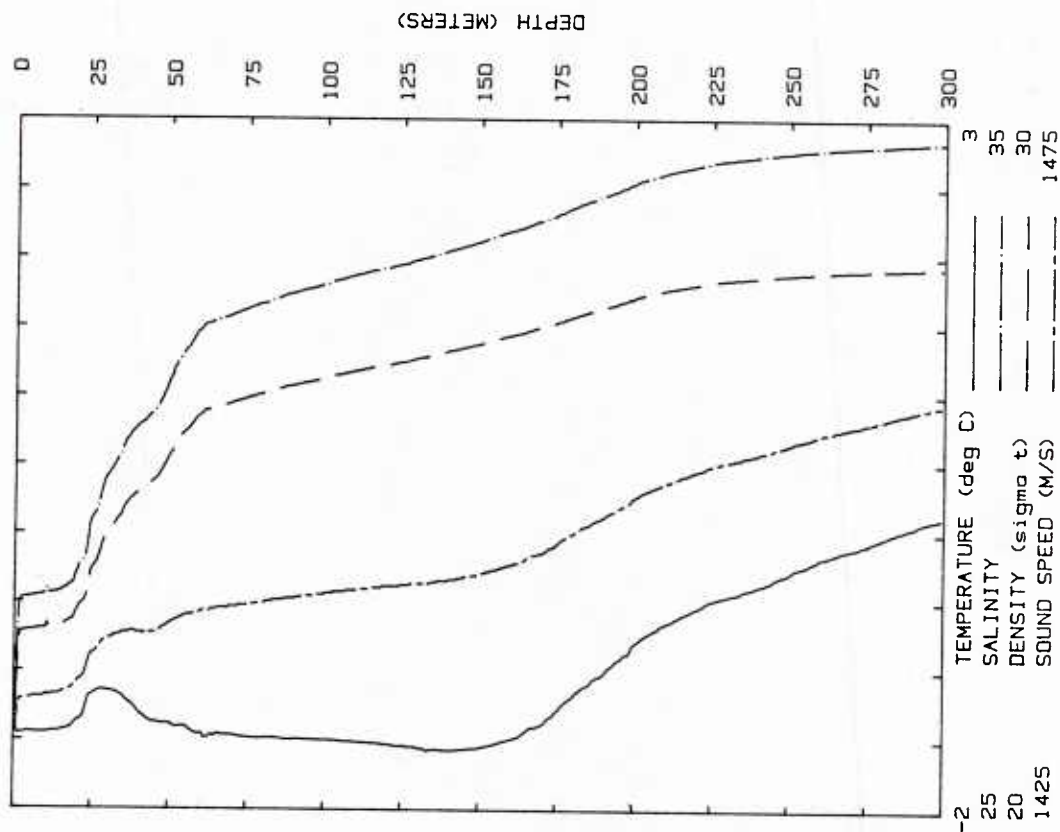


## MIZPAC 85 LT WT PROF. DROP 7



DROP # 8 DOWN  
 LAT 71 35.0 N  
 LON 143 35.3 W  
 DATE 06-24-1985  
 TIME 23, 42, 00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 20

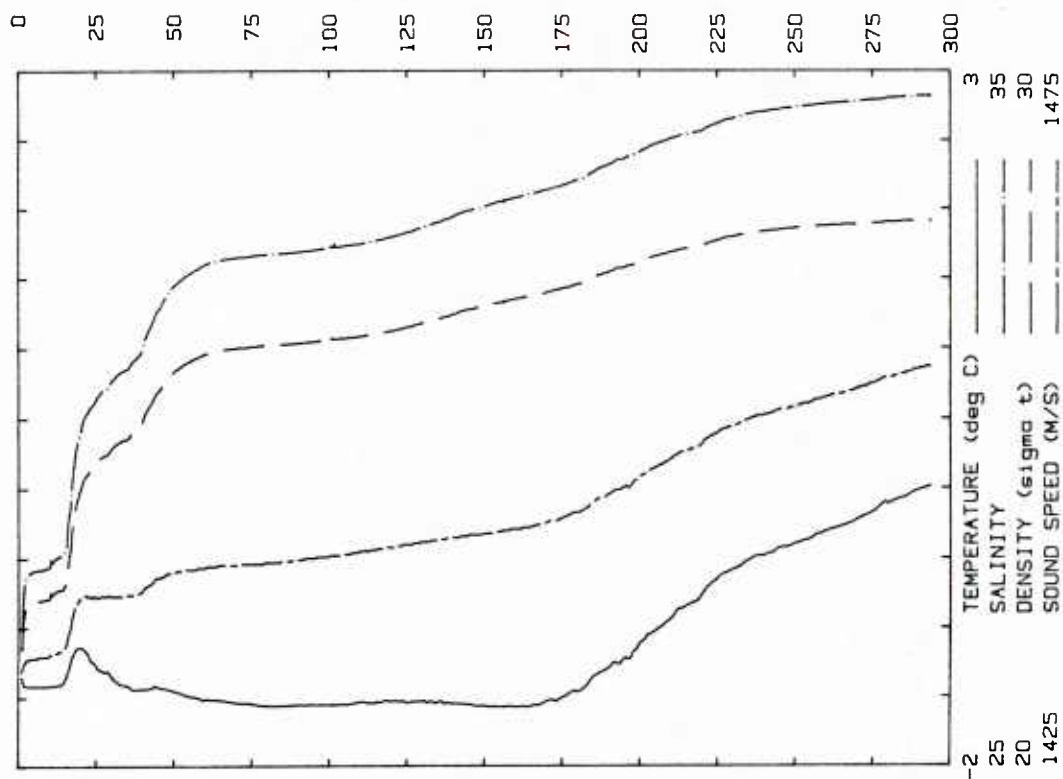
# MIZPAC 85 CTD PROFILE



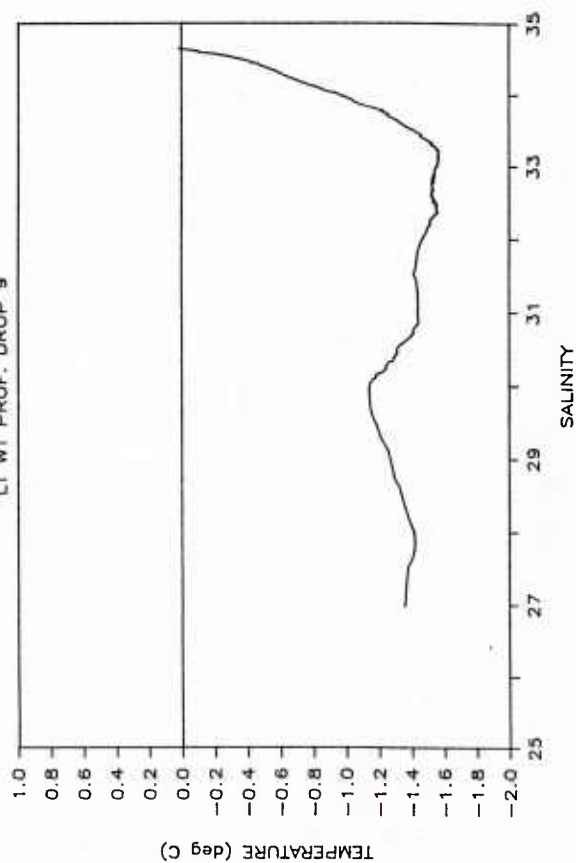


DROP # 9 DOWN  
 LAT 71 25.0 N  
 LON 143 34.0 W  
 DATE 08-25-1985  
 TIME 00.15.00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 20

# MIZPAC 85 CTD PROFILE

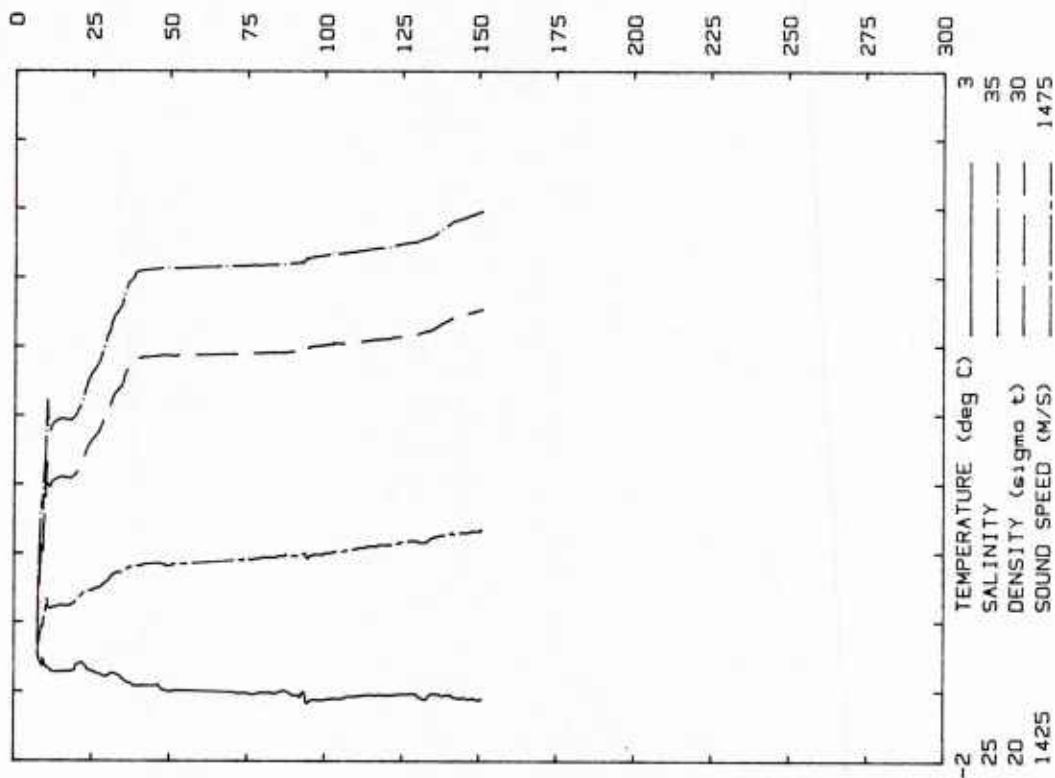


## MIZPAC 85 LT WT PROF. DROP 9

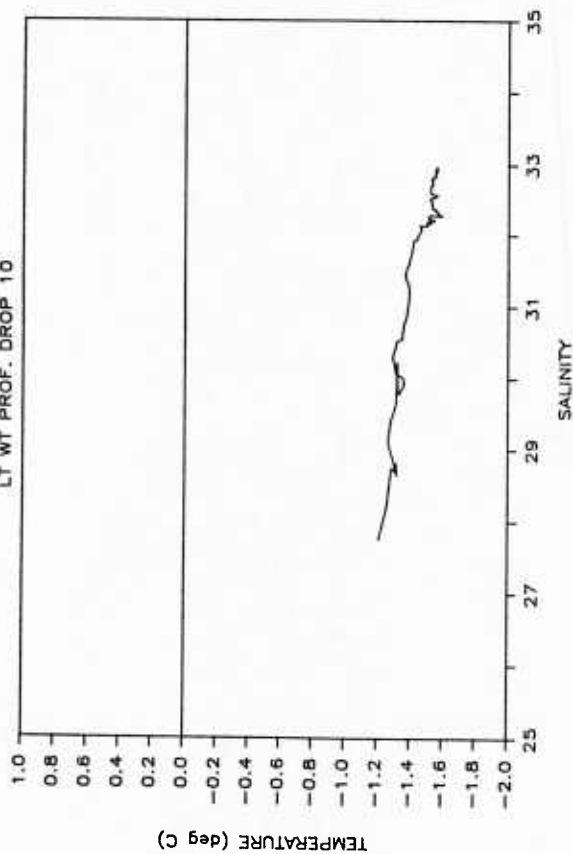


DROP # 10 DOWN  
 LAT 70 44.4 N  
 LON 144 48.8 W  
 DATE 08-25-1985  
 TIME 06:13:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP # 561  
 COND. # 20

# MIZPAC 85 CTD PROFILE

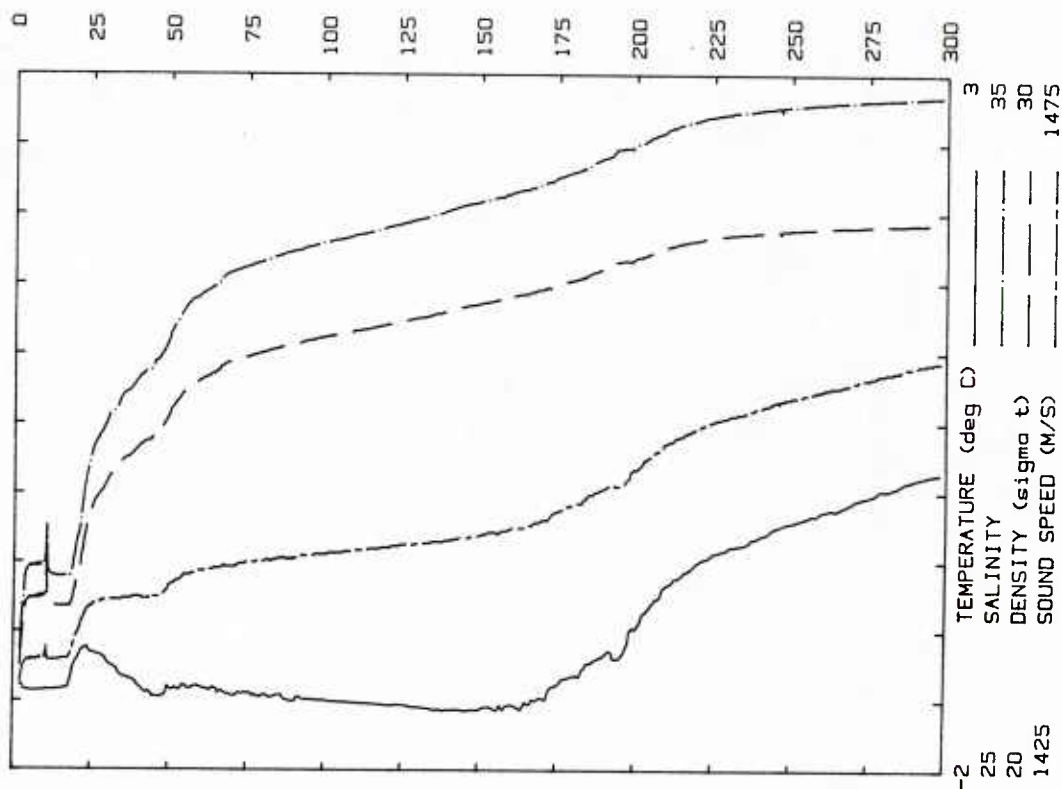


## MIZPAC 85 LT WT PROF. DROP 10

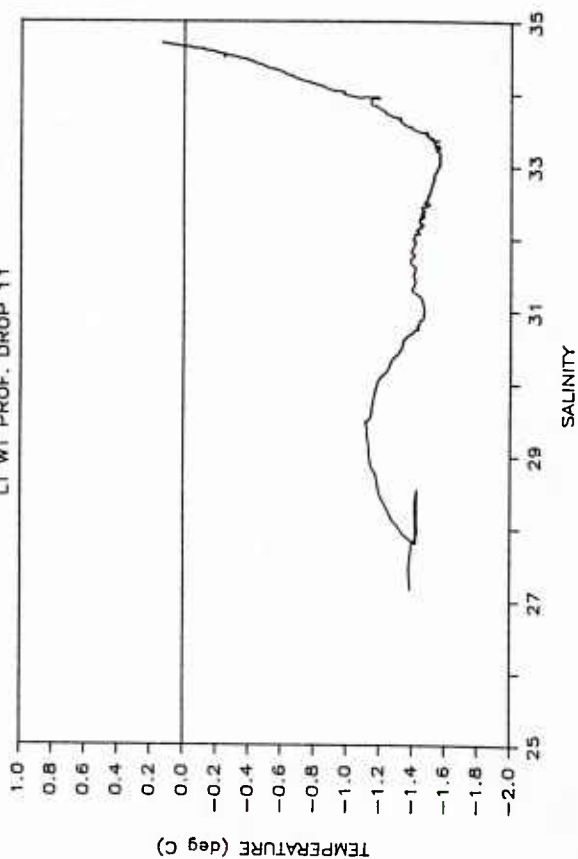


DROP # 11 DOWN  
 LAT 71.08.7 N  
 LON 145.15.9 W  
 DATE 08-25-1985  
 TIME 10:43:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 20

# MIZPAC 85 CTD PROFILE

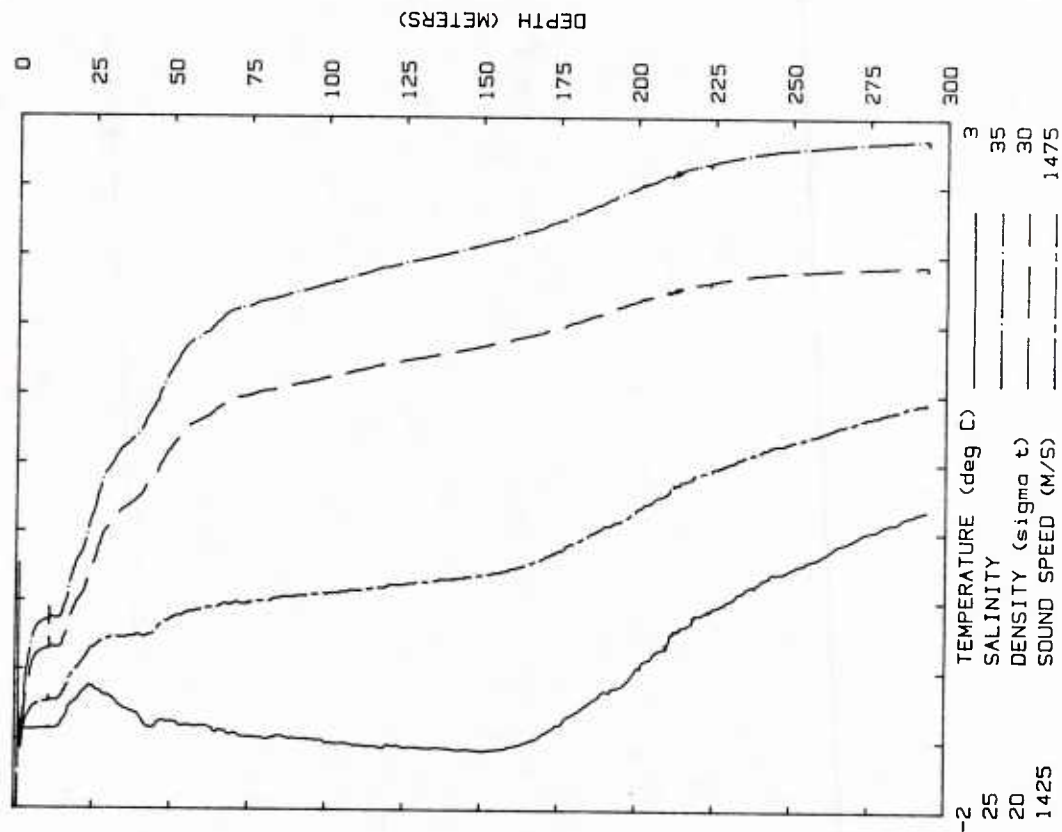


# MIZPAC 85 LT WT PROF. DROP 11

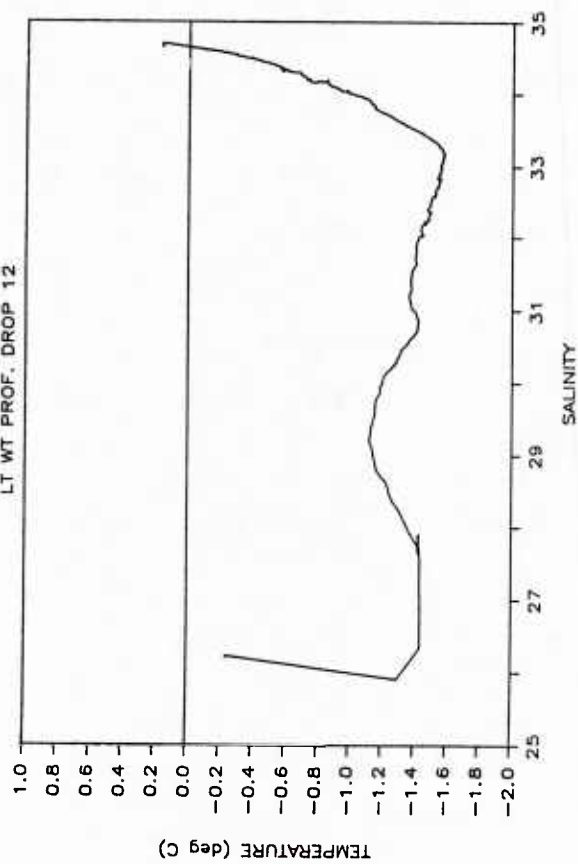


DROP # 12 DOWN  
 LAT 71 13.3 N  
 LON 144 45 W  
 DATE 08-25-1985  
 TIME 18:04:00  
 SENSOR LT WT PROF.  
 DEPTH # 520  
 TEMP. # 581  
 COND. # 20

# MIZPAC 85 CTD PROFILE

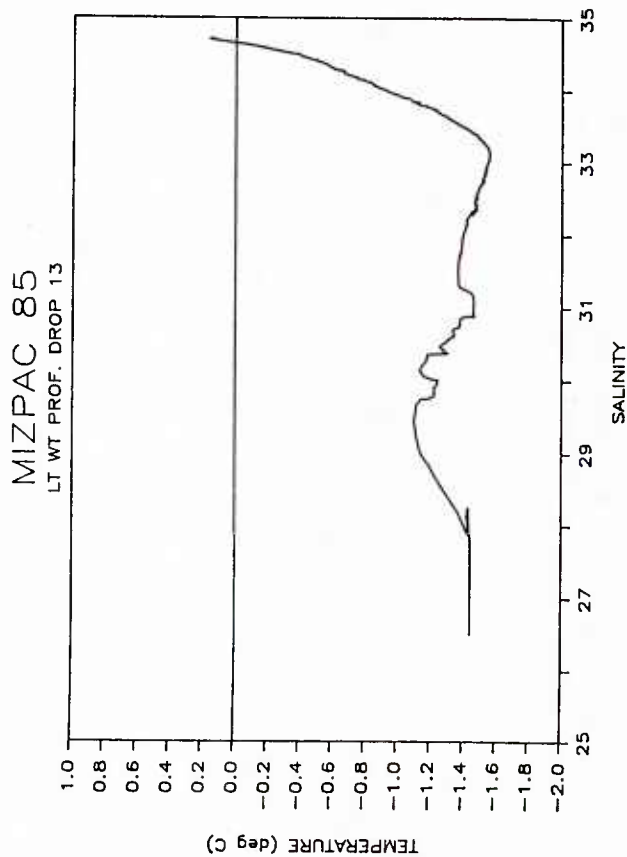
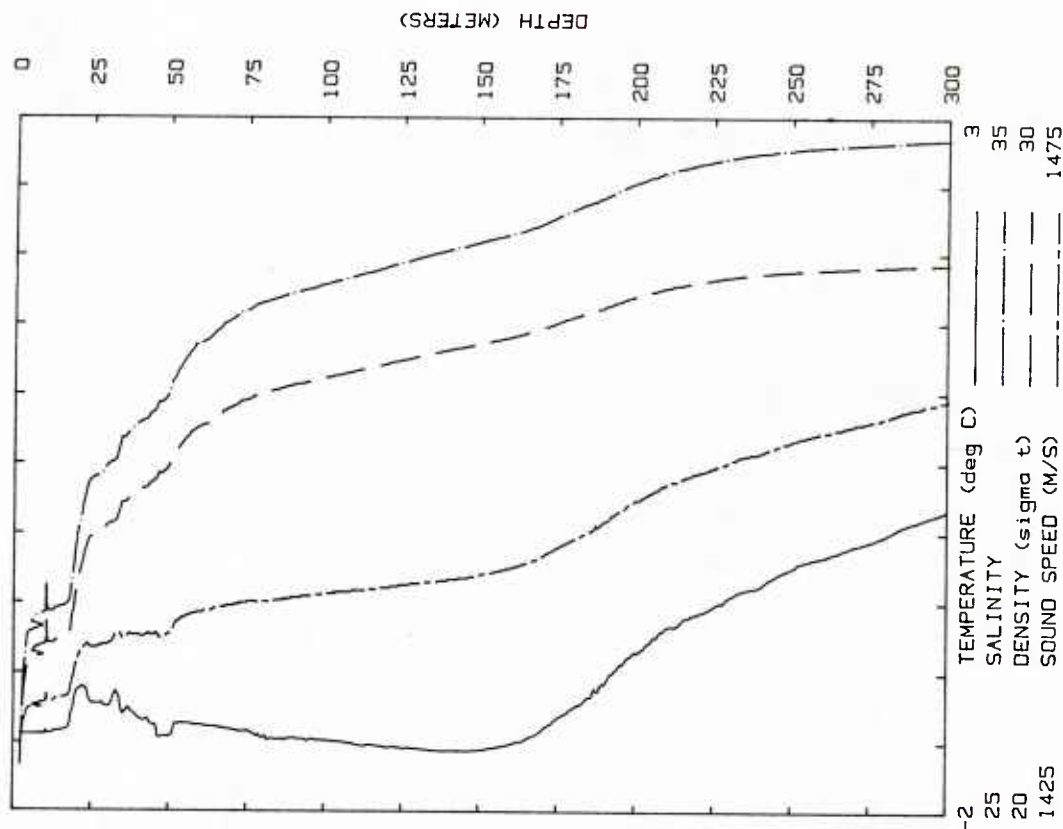


## MIZPAC 85 LT WT PROF. DROP 12



DROP # 13 DOWN  
 LAT 71 38.2 N  
 LON 142 52.3 W  
 DATE 08-25-1985  
 TIME 22:21:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 581  
 CONO. # 20

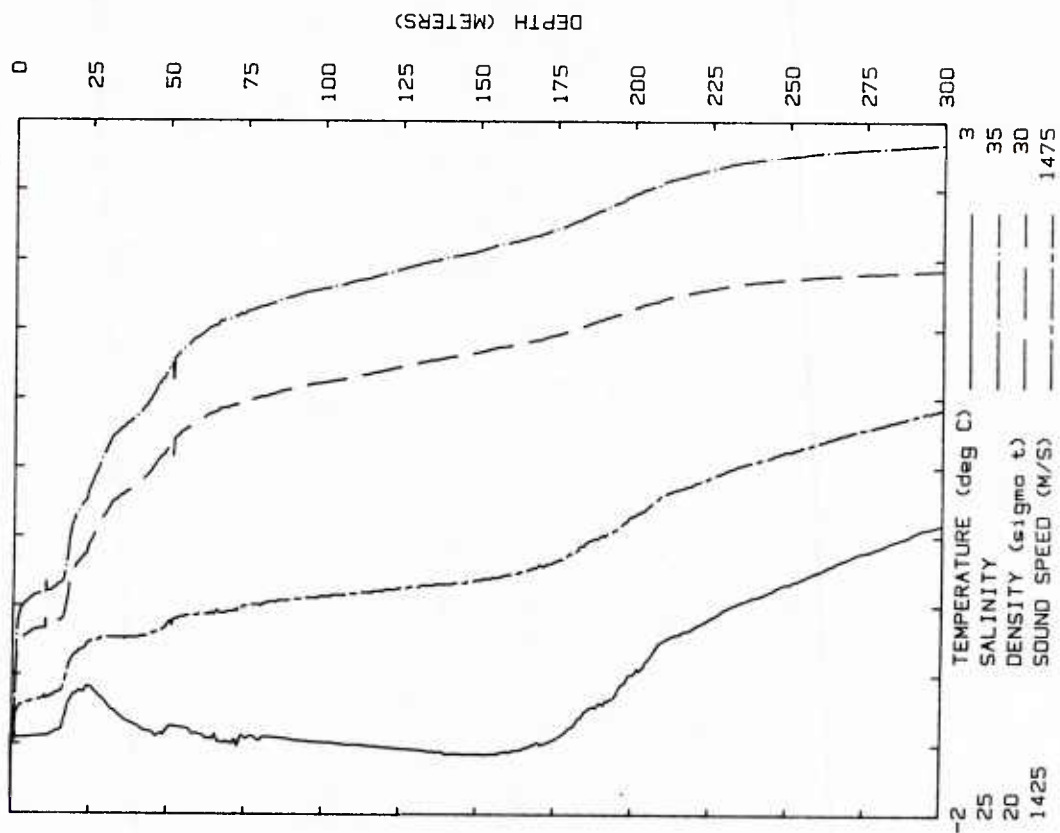
# MIZPAC 85 CTD PROFILE



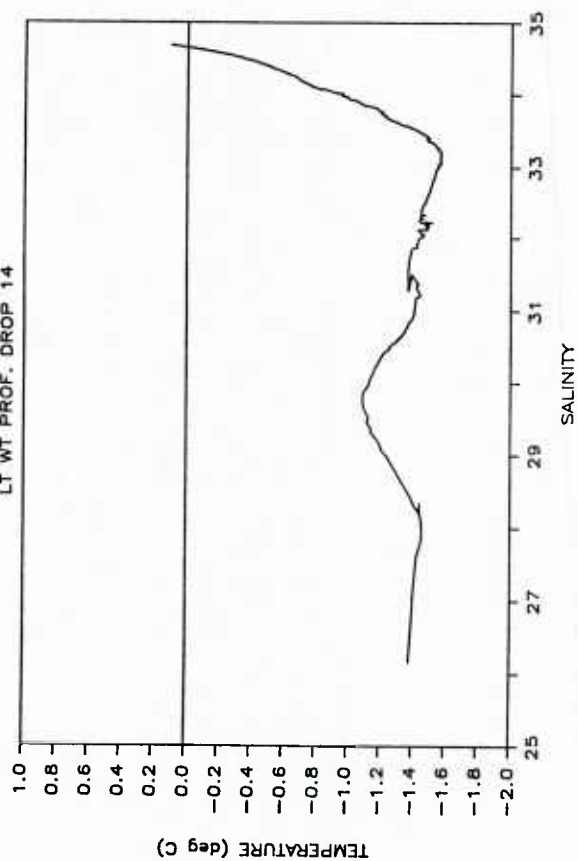


DROP # 14 DOWN  
 LAT 71 54.2 N  
 LON 145 52.0 W  
 DATE 08-25-1985  
 TIME 22:53:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 20

# MIZPAC 85 CTD PROFILE

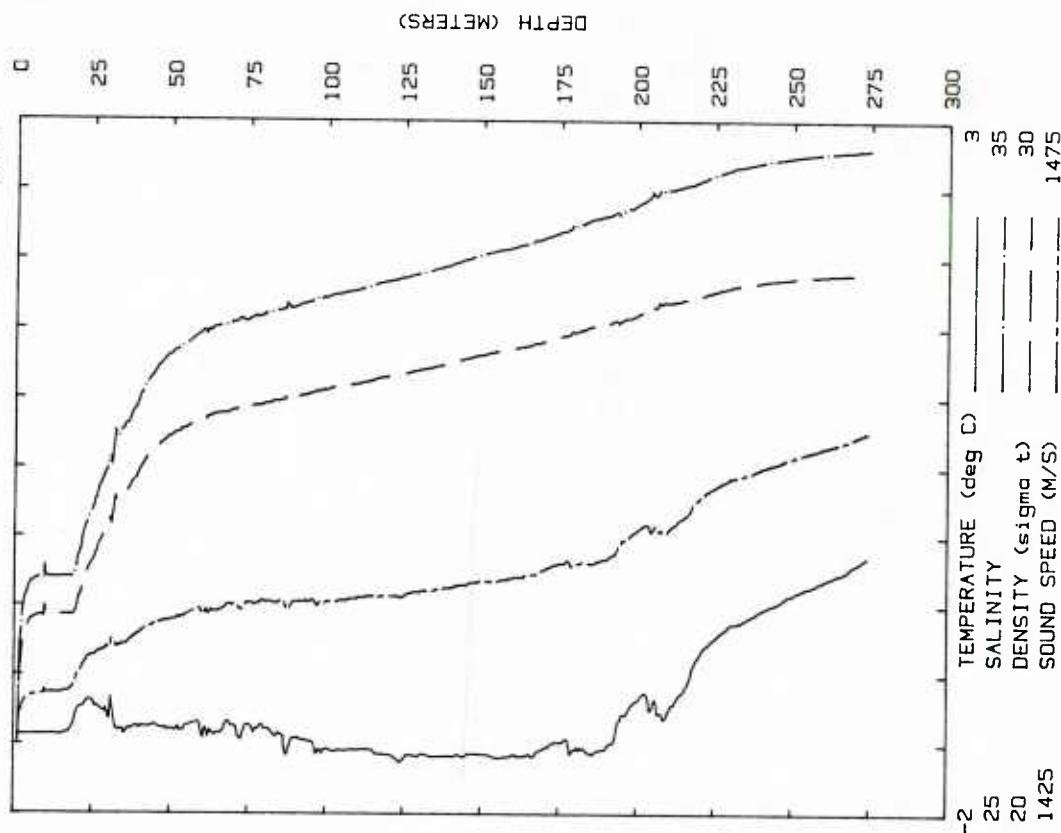


## MIZPAC 85 LT WT PROF. DROP 14

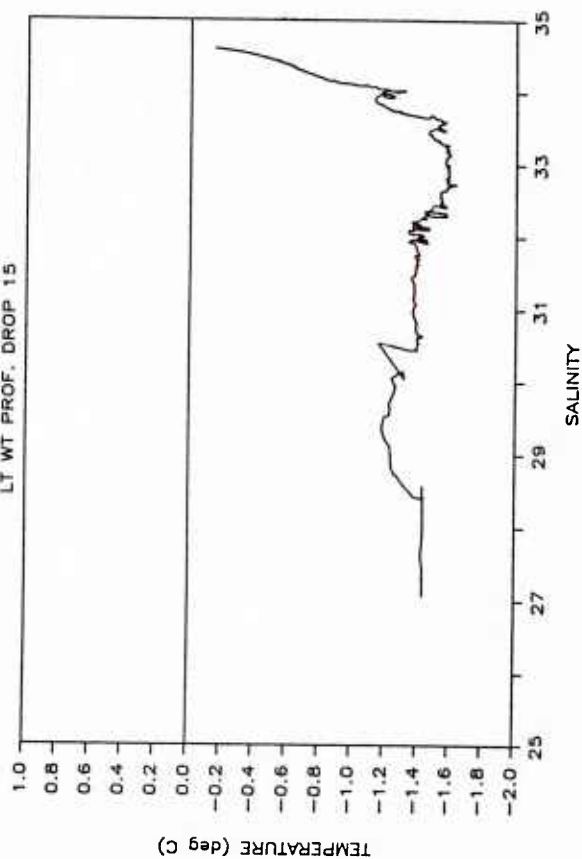


DROP # 15 DOWN  
 LAT 71 22.4 N  
 LON 148 11.0 W  
 DATE 08-28-1985  
 TIME 00:14:09  
 SENSER LT WT PROF.  
 DEPTH # 529  
 TEMP # 561  
 CONCL # 20

# MIZPAC 85 CTD PROFILE

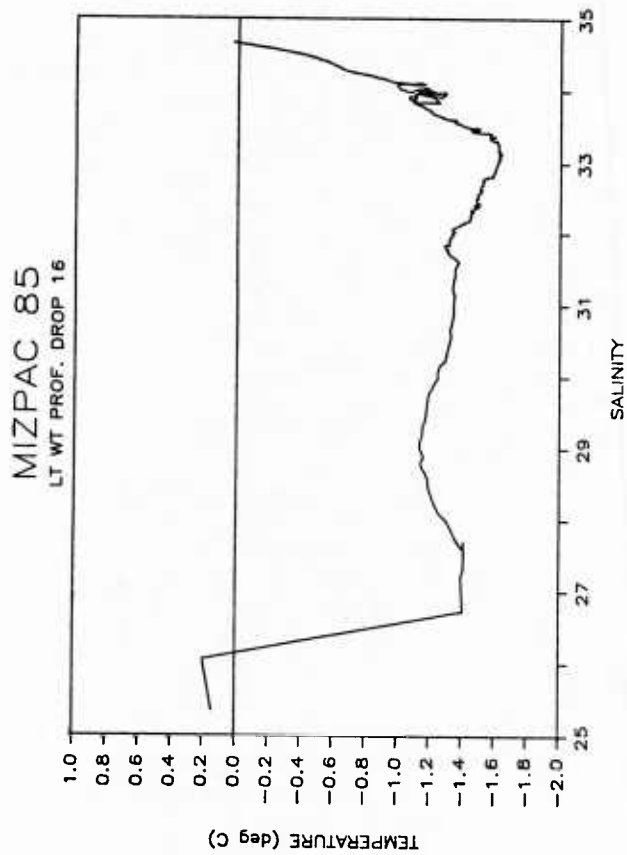
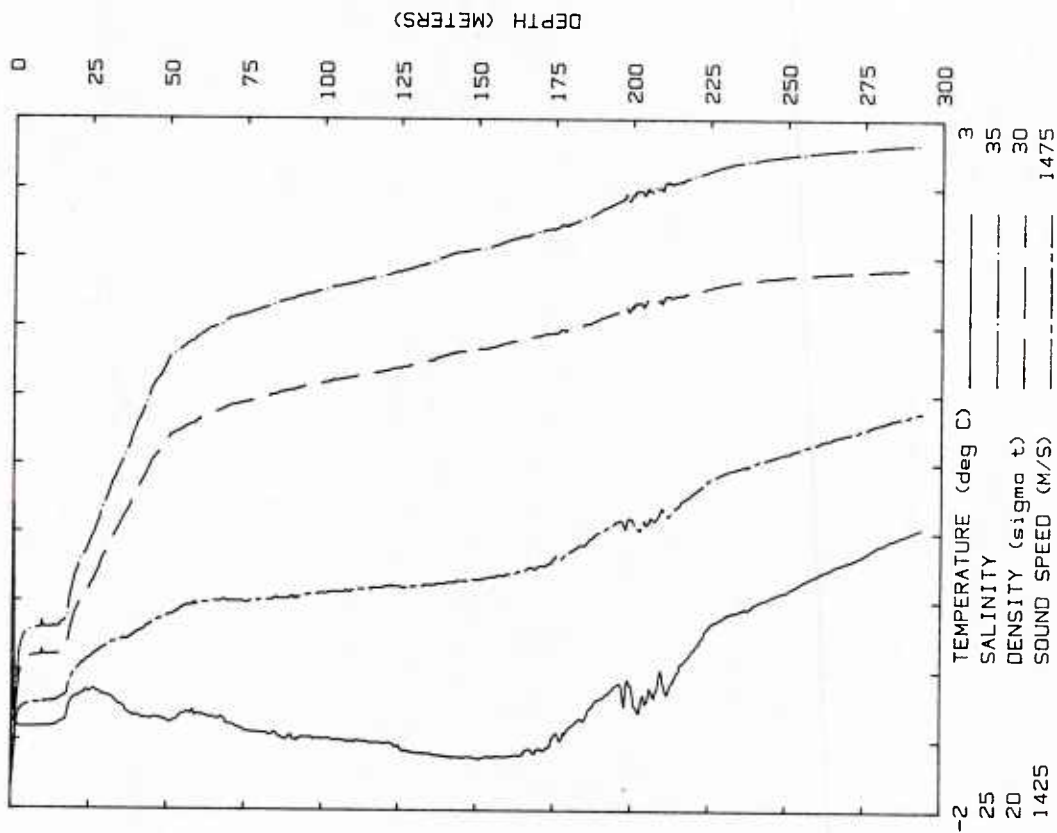


## MIZPAC 85 LT WT PROF. DROP 15



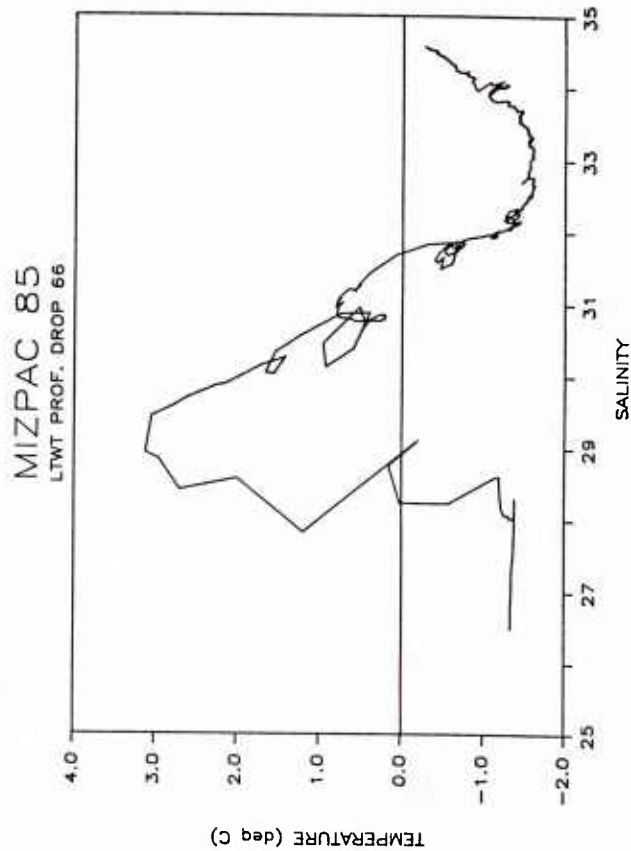
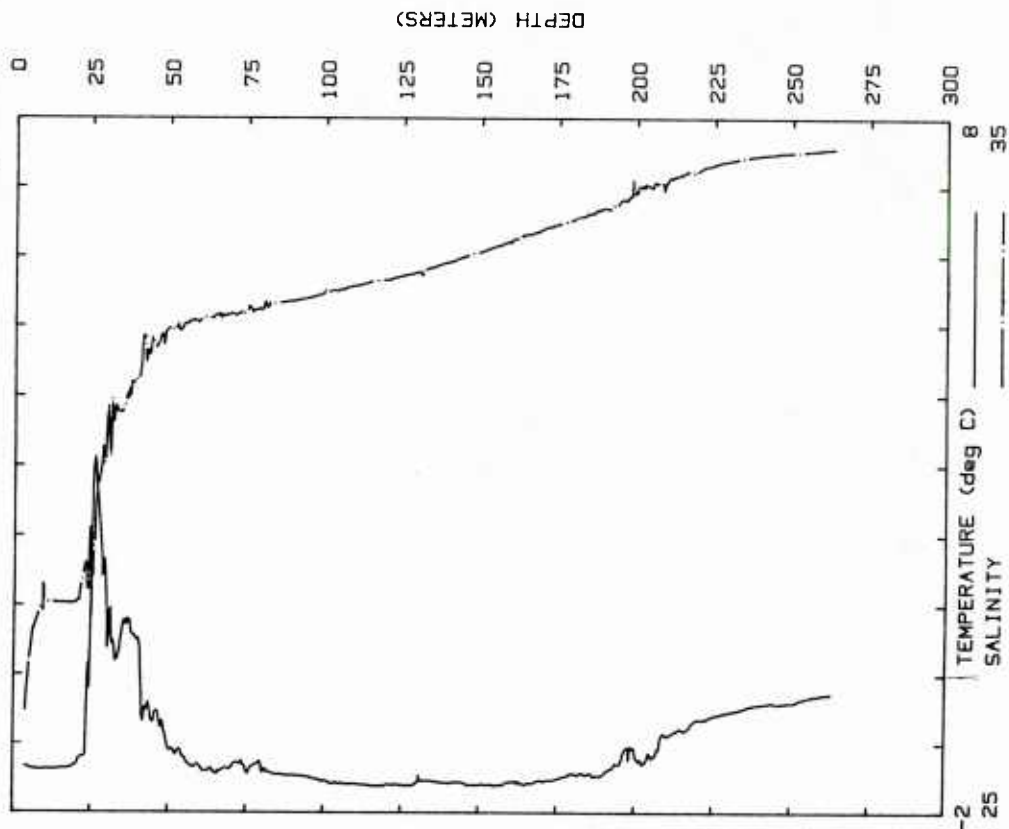
DROP # 16 DOWN  
 LAT 71 42.9 N  
 LON 149 16.5 W  
 DATE 08-28-1985  
 TIME 18:16:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 20

# MIZPAC 85 CTD PROFILE



DROP # 66 DOWN  
 LAT 71 29.6 N  
 LON 150 02.7 W  
 DATE 09-08-1985  
 TIME 11:40:00  
 SENSOR LT WT PROF.  
 DEPTH # 529  
 TEMP. # 561  
 COND. # 20

# MIZPAC 85 CTD PROFILE



## **APPENDIX D - MIZPAC DATA**

Showing the ship's positions when casts #1 through #152 were made, CTD tables/profiles, calculated sound speeds, and TS curves.



## MIZPAC 85 CTD INDEX

CAST #	DATE	TIME	LATITUDE	LONGITUDE
1	84/08/17	23:11:41	70 11.1 N	138 44.1 W
2	84/08/18	18:48:36	71 03.6 N	134 06.7 W
3	84/08/18	19:18:23	71 03.6 N	134 06.7 W
4	84/08/19	15:53:49	71 33.9 N	133 59.5 W
5	84/08/20	09:45:26	71 18.9 N	134 00.0 W
6	84/08/21	01:46:44	71 08.2 N	134 09.7 W
7	84/08/21	02:14:29	71 08.2 N	134 09.7 W
8	84/08/21	12:23:06	70 59.8 N	135 19.2 W
9	84/08/21	21:44:47	70 53.8 N	135 24.1 W
10	84/08/22	04:44:05	70 31.1 N	136 16.1 W
11	84/08/22	08:19:38	70 30.1 N	136 48.7 W
12	84/08/22	11:49:53	70 21.2 N	137 59.3 W
13	84/08/22	14:37:17	69 57.6 N	138 34.6 W
14	84/08/22	18:10:09	70 13.9 N	140 04.6 W
15	84/08/22	21:01:20	70 37.7 N	139 56.0 W
16	84/08/23	02:39:42	71 01.9 N	140 00.8 W
17	84/08/23	17:23:02	71 17.0 N	140 12.0 W
18	84/08/24	04:37:08	71 09.0 N	141 24.6 W
19	84/08/24	12:41:34	71 01.2 N	142 36.4 W
20	84/08/24	23:20:33	70 54.8 N	143 35.1 W
21	84/08/25	18:29:10	71 08.8 N	145 22.1 W
22	84/08/26	04:25:26	71 08.1 N	146 29.8 W
23	84/08/28	05:08:55	71 15.5 N	149 06.7 W
24	84/08/28	10:01:09	71 18.6 N	149 56.1 W
25	84/08/28	18:03:26	71 42.9 N	150 02.4 W
26	84/08/29	01:43:38	71 57.9 N	149 58.5 W
27	84/08/29	05:47:37	72 09.8 N	150 01.7 W
28	84/08/29	11:01:04	72 24.9 N	150 39.9 W
29	84/08/29	16:36:02	72 41.5 N	151 13.9 W
30	84/08/30	01:59:56	73 08.6 N	151 23.0 W
31	84/09/02	05:23:58	70 50.7 N	160 34.9 W
32	84/09/02	06:26:02	70 55.8 N	160 10.8 W
33	84/09/02	08:18:58	71 02.2 N	159 39.1 W
34	84/09/02	09:21:45	71 07.0 N	159 19.4 W
35	84/09/02	10:32:34	71 11.8 N	158 52.6 W
36	84/09/02	11:35:04	71 16.9 N	158 28.2 W
37	84/09/02	13:00:06	71 21.4 N	157 55.2 W
38	84/09/02	14:09:01	71 24.9 N	157 31.9 W
39	84/09/02	15:29:45	71 28.7 N	157 05.3 W
40	84/09/02	16:58:57	71 32.5 N	156 36.9 W
41	84/09/02	18:30:48	71 36.7 N	156 08.3 W
42	84/09/02	19:59:43	71 41.3 N	155 35.9 W
43	84/09/02	21:20:59	71 44.4 N	155 08.5 W
44	84/09/02	23:51:10	71 55.6 N	155 01.3 W
45	84/09/03	01:09:21	72 03.9 N	154 53.9 W
46	84/09/03	02:54:26	72 13.5 N	154 48.1 W
47	84/09/03	05:31:26	72 04.1 N	155 36.6 W
48	84/09/03	06:49:46	72 01.9 N	155 29.6 W
49	84/09/03	08:12:50	71 58.1 N	155 26.6 W
50	84/09/03	09:20:22	71 56.7 N	155 23.4 W
51	84/09/03	10:43:57	71 53.5 N	155 18.8 W
52	84/09/03	11:49:58	71 50.3 N	155 14.7 W
53	84/09/03	12:51:03	71 47.6 N	155 11.1 W
54	84/09/03	13:59:42	71 45.4 N	155 04.9 W
55	84/09/03	15:01:48	71 41.8 N	155 03.8 W
56	84/09/04	00:48:28	71 25.3 N	156 47.0 W
57	84/09/04	02:01:49	71 31.8 N	156 55.2 W

58	84/09/04	02:57:46	71	34.4 N	156	58.4 W
59	84/09/04	03:43:55	71	37.7 N	157	03.3 W
60	84/09/04	04:30:22	71	40.2 N	157	06.4 W
61	84/09/04	05:11:48	71	43.1 N	157	08.0 W
62	84/09/04	05:53:47	71	45.9 N	157	12.4 W
63	84/09/04	06:36:20	71	48.9 N	157	16.4 W
64	84/09/04	07:26:30	71	54.7 N	157	22.6 W
65	84/09/04	10:34:02	71	36.2 N	159	09.9 W
66	84/09/04	11:35:02	71	30.5 N	159	03.1 W
67	84/09/04	12:21:07	71	27.1 N	158	57.9 W
68	84/09/04	13:02:38	71	25.1 N	158	55.9 W
69	84/09/04	13:42:35	71	22.2 N	158	53.9 W
70	84/09/04	14:38:16	71	18.8 N	158	49.5 W
71	84/09/04	15:21:09	71	16.2 N	158	47.0 W
72	84/09/04	16:27:28	71	13.6 N	158	43.1 W
73	84/09/04	17:25:49	71	09.0 N	158	38.2 W
74	84/09/04	21:40:27	70	49.2 N	160	13.7 W
75	84/09/04	22:35:39	70	55.4 N	160	18.9 W
76	84/09/04	23:12:50	70	57.5 N	160	24.3 W
77	84/09/05	00:11:55	71	00.6 N	160	27.1 W
78	84/09/05	00:53:52	71	03.2 N	160	29.5 W
79	84/09/05	01:37:12	71	05.9 N	160	32.7 W
80	84/09/05	02:44:15	71	08.9 N	160	36.5 W
81	84/09/05	03:44:53	71	11.6 N	160	39.8 W
82	84/09/05	05:40:32	71	70.0 N	160	47.7 W
83	84/09/05	18:48:06	71	50.5 N	161	13.5 W
84	84/09/05	23:37:59	72	00.0 N	160	00.0 W
85	84/09/06	04:28:49	72	00.0 N	156	45.7 W
86	84/09/06	06:47:44	72	00.0 N	155	25.5 W
87	84/09/06	09:04:03	71	59.8 N	154	04.4 W
88	84/09/06	11:57:36	71	59.2 N	152	48.5 W
89	84/09/06	16:53:28	72	00.4 N	151	24.9 W
90	84/09/06	23:40:38	72	00.1 N	150	07.3 W
91	84/09/07	07:30:55	72	00.1 N	148	44.6 W
92	84/09/07	18:40:12	71	50.0 N	148	43.5 W
93	84/09/08	01:48:50	71	30.3 N	148	43.7 W
94	84/09/08	17:28:15	71	31.6 N	151	02.5 W
95	84/09/08	20:35:34	71	31.2 N	151	35.3 W
96	84/09/09	00:18:09	71	22.2 N	151	32.5 W
97	84/09/09	02:52:26	71	31.7 N	152	25.2 W
98	84/09/09	05:40:14	71	44.1 N	152	57.0 W
99	84/09/09	09:52:18	71	43.7 N	154	17.3 W
100	84/09/09	12:12:42	71	38.6 N	155	35.3 W
101	84/09/10	06:32:36	72	19.4 N	155	06.6 W
102	84/09/10	11:22:11	72	39.8 N	154	58.0 W
103	84/09/10	16:47:56	72	59.9 N	155	01.4 W
104	84/09/10	23:31:26	72	33.8 N	154	10.6 W
105	84/09/12	02:32:49	72	11.6 N	154	43.0 W
106	84/09/12	04:43:07	72	02.6 N	154	53.6 W
109	84/09/12	09:48:08	71	38.9 N	156	06.6 W
110	84/09/12	11:29:45	71	35.2 N	156	32.5 W
111	84/09/12	13:49:54	71	25.7 N	157	31.0 W
112	84/09/12	15:03:59	71	21.2 N	157	57.8 W
113	84/09/12	16:23:06	71	16.3 N	158	26.0 W
114	84/09/12	18:52:23	71	06.5 N	159	17.9 W
115	84/09/12	20:26:24	71	01.3 N	159	47.3 W
116	84/09/12	22:32:13	70	51.0 N	160	35.6 W
117	84/09/13	02:04:49	70	49.0 N	160	14.3 W
118	84/09/13	03:08:35	70	54.6 N	160	20.7 W
119	84/09/13	03:46:41	70	57.7 N	160	23.2 W

120	84/09/13	04:21:21	71 00.5 N	160 26.8 W
121	84/09/13	04:54:49	71 04.1 N	160 28.2 W
122	84/09/13	05:26:58	71 06.1 N	160 33.8 W
123	84/09/13	05:58:50	71 08.9 N	160 37.1 W
124	84/09/13	06:30:17	71 11.6 N	160 40.1 W
125	84/09/13	07:13:02	71 16.7 N	160 42.8 W
126	84/09/13	14:47:27	71 36.9 N	159 07.3 W
127	84/09/13	15:54:55	71 31.5 N	159 02.2 W
128	84/09/13	16:46:43	71 28.1 N	158 59.5 W
129	84/09/13	17:23:07	71 25.1 N	158 56.2 W
130	84/09/13	18:03:19	71 22.3 N	158 52.9 W
131	84/09/13	18:37:55	71 19.5 N	158 50.3 W
132	84/09/13	19:22:19	71 16.5 N	158 45.2 W
133	84/09/13	20:17:11	71 13.7 N	158 43.8 W
134	84/09/13	21:30:54	71 08.8 N	158 38.2 W
135	84/09/14	01:35:02	71 26.0 N	156 49.0 W
136	84/09/14	02:38:10	71 31.6 N	156 55.1 W
137	84/09/14	03:39:19	71 34.3 N	156 57.7 W
138	84/09/14	04:26:04	71 37.1 N	157 01.7 W
139	84/09/14	05:04:21	71 39.9 N	157 04.6 W
140	84/09/14	05:48:30	71 41.6 N	157 09.2 W
141	84/09/14	06:20:07	71 45.4 N	157 10.9 W
142	84/09/14	06:58:52	71 48.2 N	157 14.8 W
143	84/09/14	07:56:20	71 55.0 N	157 21.5 W
144	84/09/14	15:36:02	72 05.0 N	155 32.4 W
145	84/09/14	17:03:30	71 59.7 N	155 25.3 W
146	84/09/14	18:01:57	71 56.8 N	155 21.8 W
147	84/09/14	18:55:16	71 54.0 N	155 17.7 W
148	84/09/14	20:16:19	71 50.2 N	155 13.3 W
149	84/09/14	21:09:14	71 48.5 N	155 11.6 W
150	84/09/14	22:09:54	71 45.6 N	155 08.2 W
151	84/09/14	23:12:55	71 42.8 N	155 04.5 W
152	84/09/15	00:46:02	71 33.7 N	154 49.9 W

MIZPAC 85  
DATE: 85/08/17  
LAT: 70 11.1 N

CAST# 1 DOWN  
TIME: 23:11:41  
LON: 138 44.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.1	3.49	7.40	1428.83	221.3	-0.44	34.48	1449.96
1.2	3.34	7.43	1428.22	226.4	-0.38	34.53	1450.40
2.4	3.24	7.47	1427.83	231.6	-0.29	34.57	1450.93
3.5	3.15	7.55	1427.55	236.8	-0.22	34.61	1451.39
4.7	2.69	8.70	1426.93	241.9	-0.19	34.64	1451.65
5.8	2.19	14.24	1431.88	247.1	-0.15	34.65	1451.93
6.9	1.41	17.12	1432.04	252.2	-0.11	34.67	1452.23
8.0	1.47	18.76	1434.48	257.3	-0.08	34.68	1452.49
9.2	-0.87	22.70	1428.72	262.5	-0.01	34.70	1452.89
11.3	-0.99	24.80	1430.97	267.7	0.04	34.72	1453.27
13.4	-1.08	26.14	1432.37	273.0	0.08	34.74	1453.56
15.5	-1.17	27.42	1433.68	278.1	0.14	34.76	1453.92
17.8	-1.26	28.72	1435.05	283.4	0.17	34.77	1454.17
20.0	-1.38	29.48	1435.53	288.5	0.21	34.78	1454.46
22.3	-1.40	29.89	1436.03	293.8	0.25	34.79	1454.73
24.5	-1.43	30.16	1436.32				
26.6	-1.43	30.30	1436.51				
28.7	-1.47	30.42	1436.52				
31.0	-1.53	30.51	1436.41				
33.2	-1.58	30.63	1436.36				
35.5	-1.54	30.70	1436.67				
37.7	-1.59	30.90	1436.74				
39.9	-1.58	31.03	1436.99				
42.2	-1.61	31.16	1437.10				
44.4	-1.61	31.26	1437.26				
46.6	-1.60	31.34	1437.45				
48.8	-1.58	31.46	1437.71				
51.0	-1.60	31.56	1437.78				
53.2	-1.59	31.68	1438.03				
55.3	-1.64	31.73	1437.89				
57.5	-1.66	31.81	1437.97				
59.8	-1.62	31.87	1438.29				
62.1	-1.66	31.93	1438.18				
64.4	-1.49	31.98	1439.10				
66.7	-1.50	32.04	1439.21				
69.0	-1.50	32.08	1439.26				
71.4	-1.49	32.13	1439.44				
73.6	-1.49	32.18	1439.54				
75.8	-1.49	32.22	1439.63				
78.1	-1.49	32.26	1439.74				
80.4	-1.47	32.30	1439.91				
82.5	-1.46	32.34	1440.03				
84.8	-1.46	32.37	1440.11				
86.9	-1.45	32.40	1440.24				
89.2	-1.45	32.43	1440.33				
91.4	-1.49	32.47	1440.23				
93.7	-1.49	32.50	1440.31				
95.9	-1.48	32.54	1440.45				
98.0	-1.48	32.56	1440.52				
100.2	-1.47	32.60	1440.62				
102.4	-1.46	32.64	1440.79				
104.7	-1.47	32.67	1440.80				
107.0	-1.50	32.71	1440.74				
109.2	-1.49	32.74	1440.85				
111.4	-1.48	32.78	1441.01				
113.5	-1.52	32.81	1440.86				
115.8	-1.53	32.83	1440.89				
118.0	-1.51	32.87	1441.08				
120.3	-1.51	32.89	1441.14				
122.5	-1.54	32.92	1441.07				
124.8	-1.51	32.95	1441.29				
127.0	-1.55	32.97	1441.19				
129.3	-1.57	33.01	1441.19				
131.6	-1.56	33.03	1441.28				
133.8	-1.54	33.06	1441.45				
136.1	-1.54	33.08	1441.49				
138.2	-1.54	33.10	1441.56				
140.4	-1.55	33.13	1441.62				
142.5	-1.55	33.15	1441.68				
144.8	-1.55	33.17	1441.76				
147.0	-1.55	33.21	1441.80				
149.3	-1.55	33.24	1441.91				
154.4	-1.55	33.29	1442.07				
159.7	-1.51	33.37	1442.45				
164.8	-1.47	33.45	1442.80				
169.9	-1.42	33.52	1443.25				
175.0	-1.37	33.59	1443.63				
180.1	-1.32	33.66	1444.05				
185.2	-1.23	33.77	1444.70				
190.3	-1.14	33.88	1445.40				
195.4	-1.02	34.00	1446.18				
200.7	-0.92	34.10	1446.88				
206.0	-0.83	34.18	1447.48				
211.1	-0.70	34.30	1448.35				
216.2	-0.58	34.37	1449.06				

MIZPAC 85  
 DATE: 85/08/18  
 LAT: 71 03.6 N

CAST# 2 DOWN  
 TIME: 18:48:36  
 LON: 134 06.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	-0.72	0.01	1398.78	216.8	-0.81	15.38	1422.46
1.3	-1.17	0.01	1396.52	222.0	-0.74	17.45	1425.65
2.4	-1.34	0.01	1395.64	227.3	-0.70	20.23	1429.68
3.7	-1.38	0.01	1395.46	232.5	-0.58	23.96	1435.37
4.9	-1.37	0.01	1395.51	237.6	-0.49	28.02	1441.31
6.0	-1.37	0.01	1395.55	242.8	-0.42	31.58	1446.48
7.2	-1.38	0.07	1395.59	247.9	-0.37	33.86	1449.87
8.4	-1.42	0.22	1395.63	253.0	-0.30	34.09	1450.58
9.6	-1.43	0.10	1395.41	258.2	-0.25	34.14	1450.97
11.9	-1.44	0.16	1395.47	263.5	-0.19	34.19	1451.40
14.1	-1.43	0.19	1395.60	268.8	-0.17	34.23	1451.60
16.2	-1.41	0.21	1395.73	274.0	-0.12	34.28	1452.02
18.4	-1.39	0.23	1395.91	279.3	-0.06	34.33	1452.43
20.7	-1.32	0.25	1396.37	284.5	0.00	34.38	1452.85
23.0	-1.31	0.26	1396.46	289.6	0.04	34.42	1453.15
25.2	-1.29	0.27	1396.62	294.7	0.07	34.45	1453.45
27.3	-1.26	0.29	1396.80				
29.5	-1.26	0.30	1396.85				
31.8	-1.31	0.33	1396.70				
34.1	-1.36	0.34	1396.48				
36.4	-1.42	0.36	1396.21				
38.7	-1.38	0.40	1396.51				
41.0	-1.42	0.49	1396.48				
43.1	-1.45	0.82	1396.78				
45.3	-1.49	0.91	1396.76				
47.4	-1.52	1.06	1396.82				
49.7	-1.57	5.08	1402.04				
51.8	-1.58	5.47	1402.52				
54.0	-1.59	5.82	1403.01				
56.1	-1.60	6.17	1403.48				
58.3	-1.60	6.46	1403.91				
60.4	-1.62	6.79	1404.25				
62.6	-1.64	7.11	1404.64				
64.7	-1.59	7.42	1405.34				
66.9	-1.57	8.21	1406.54				
69.1	-1.55	8.39	1406.93				
71.2	-1.54	8.59	1407.28				
73.4	-1.55	8.74	1407.49				
75.5	-1.55	8.90	1407.72				
77.7	-1.59	9.02	1407.74				
79.8	-1.59	9.15	1407.95				
81.9	-1.60	9.27	1408.10				
84.1	-1.56	9.39	1408.46				
86.3	-1.57	9.52	1408.64				
88.4	-1.57	9.64	1408.81				
90.6	-1.57	9.74	1409.00				
92.8	-1.57	9.83	1409.15				
94.9	-1.57	9.93	1409.34				
97.1	-1.57	10.05	1409.52				
99.3	-1.57	10.14	1409.70				
101.4	-1.57	10.23	1409.85				
103.6	-1.56	10.31	1410.01				
105.8	-1.56	10.41	1410.17				
107.9	-1.56	10.49	1410.32				
110.2	-1.57	10.57	1410.44				
112.6	-1.57	10.66	1410.58				
114.8	-1.57	10.73	1410.71				
117.0	-1.56	10.80	1410.89				
119.1	-1.56	10.87	1411.01				
121.2	-1.56	10.94	1411.14				
123.4	-1.56	11.02	1411.29				
125.6	-1.56	11.09	1411.43				
127.8	-1.56	11.18	1411.60				
129.9	-1.55	11.48	1412.09				
132.1	-1.55	11.51	1412.15				
134.3	-1.55	11.55	1412.22				
136.5	-1.56	11.58	1412.27				
138.6	-1.56	11.61	1412.35				
140.8	-1.56	11.64	1412.41				
143.0	-1.56	11.67	1412.50				
145.3	-1.56	11.71	1412.61				
147.5	-1.56	11.76	1412.69				
149.7	-1.56	11.80	1412.77				
154.8	-1.55	11.89	1413.03				
159.9	-1.54	11.95	1413.25				
165.0	-1.48	12.03	1413.73				
170.2	-1.45	12.08	1414.05				
175.4	-1.39	12.14	1414.49				
180.5	-1.34	12.21	1414.94				
185.6	-1.28	12.25	1415.38				
190.8	-1.23	12.31	1415.78				
195.9	-1.14	12.40	1416.45				
201.3	-1.08	12.58	1417.08				
206.4	-1.00	13.13	1418.30				
211.5	-0.92	14.04	1420.00				



MIZPAC 85  
 DATE: 85/08/18  
 LAT: 71 03.6 N

CAST# 2 UP  
 TIME: 19:03:22  
 LON: 134 06.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
301.4	0.14	34.54	1454.01
296.1	0.11	34.53	1453.74
291.0	0.06	34.52	1453.45
285.9	0.02	34.52	1453.17
280.6	-0.02	34.52	1452.92
275.4	-0.09	34.51	1452.48
270.2	-0.15	34.49	1452.07
264.9	-0.19	34.49	1451.83
259.8	-0.22	34.48	1451.56
254.5	-0.27	34.47	1451.27
249.4	-0.34	34.44	1450.83
244.2	-0.39	34.42	1450.47
239.0	-0.45	34.39	1450.05
233.8	-0.54	34.34	1449.49
228.6	-0.62	34.28	1448.94
223.5	-0.71	34.22	1448.35
218.3	-0.76	34.18	1448.00
213.2	-0.83	34.12	1447.48
207.9	-0.94	34.02	1446.77
202.6	-1.05	33.92	1446.04
197.5	-1.10	33.88	1445.69
192.4	-1.18	33.80	1445.09
187.3	-1.25	33.73	1444.59
182.2	-1.29	33.68	1444.24
177.0	-1.37	33.60	1443.69
171.9	-1.41	33.53	1443.30
166.8	-1.46	33.46	1442.89
161.6	-1.52	33.40	1442.42
156.4	-1.53	33.34	1442.23
151.2	-1.54	33.26	1441.97
148.9	-1.54	33.23	1441.91
146.7	-1.54	33.20	1441.81
144.6	-1.54	33.16	1441.75
142.5	-1.54	33.14	1441.68
140.3	-1.53	33.12	1441.66
138.2	-1.52	33.08	1441.63
136.1	-1.52	33.04	1441.57
133.9	-1.51	33.01	1441.52
131.8	-1.50	32.98	1441.47
129.6	-1.50	32.95	1441.42
127.5	-1.50	32.93	1441.36
125.4	-1.50	32.91	1441.31
123.2	-1.49	32.87	1441.25
121.1	-1.48	32.83	1441.22
119.0	-1.48	32.82	1441.17
116.8	-1.47	32.79	1441.13
114.5	-1.48	32.77	1441.06
112.3	-1.47	32.74	1441.00
110.1	-1.46	32.71	1440.95
107.8	-1.46	32.69	1440.90
105.6	-1.45	32.66	1440.86
103.3	-1.45	32.62	1440.80
101.1	-1.45	32.59	1440.72
98.9	-1.44	32.57	1440.68
96.7	-1.44	32.54	1440.60
94.4	-1.46	32.51	1440.46
92.2	-1.45	32.49	1440.43
89.9	-1.44	32.45	1440.37
87.5	-1.44	32.41	1440.32
85.3	-1.42	32.38	1440.31
83.1	-1.40	32.33	1440.30
80.8	-1.46	32.31	1439.96
78.6	-1.45	32.28	1439.91
76.3	-1.44	32.21	1439.82
74.1	-1.37	32.14	1440.04
71.9	-1.37	32.09	1439.96
69.6	-1.36	32.06	1439.91
67.4	-1.36	32.01	1439.79
65.1	-1.42	31.95	1439.40
62.9	-1.45	31.88	1439.14
60.6	-1.52	31.76	1438.58
58.4	-1.52	31.70	1438.51
56.3	-1.47	31.57	1438.49
54.1	-1.48	31.45	1438.27
51.8	-1.46	31.38	1438.23
49.6	-1.44	31.32	1438.22
47.4	-1.34	31.26	1438.57
45.1	-1.31	31.25	1438.66
42.9	-1.26	31.21	1438.79
40.6	-1.24	31.19	1438.87
38.4	-1.18	31.16	1439.04
36.1	-1.10	31.10	1439.31
33.9	-1.23	31.05	1438.63
31.6	-1.12	31.01	1439.04
29.4	-1.05	30.93	1439.22

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
27.2	-1.00	30.72	1439.16
25.1	-1.03	30.46	1438.60
23.0	-1.10	30.18	1437.85
20.7	-1.14	30.01	1437.40
18.6	-1.18	29.74	1436.84
16.4	-1.25	29.26	1435.79
14.3	-1.34	29.06	1435.08
12.1	-1.36	28.95	1434.78
9.8	-1.40	28.89	1434.49
8.7	-1.40	28.89	1434.44
7.6	-1.40	28.88	1434.41
6.5	-1.36	28.87	1434.57
5.5	-1.33	28.87	1434.71
4.4	-1.29	28.82	1434.83
3.2	-1.32	28.83	1434.69
2.0	-1.33	28.80	1434.55

MIZPAC 85  
 DATE: 85/08/18  
 LAT: 71 03.6 N

CAST# 3 DOWN  
 TIME: 19:18:23  
 LON: 134 06.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.0	-0.37	10.61	1414.75	216.7	-0.80	34.21	1447.81
1.2	-1.33	28.44	1434.07	221.9	-0.74	34.27	1448.26
2.5	-1.35	28.76	1434.43	227.2	-0.68	34.32	1448.69
3.6	-1.35	28.79	1434.47	232.3	-0.57	34.41	1449.40
4.9	-1.36	28.81	1434.49	237.5	-0.49	34.46	1449.93
6.1	-1.36	28.82	1434.49	242.6	-0.44	34.49	1450.30
7.3	-1.40	28.83	1434.35	247.9	-0.38	34.53	1450.70
8.6	-1.41	28.84	1434.32	253.1	-0.33	34.56	1451.08
9.7	-1.41	28.86	1434.37	258.1	-0.27	34.59	1451.47
12.1	-1.39	28.90	1434.59	263.3	-0.22	34.62	1451.80
14.5	-1.36	29.01	1434.92	268.5	-0.17	34.64	1452.18
16.6	-1.32	29.20	1435.38	273.6	-0.12	34.66	1452.50
18.9	-1.18	29.64	1436.69	278.7	-0.04	34.69	1453.00
21.2	-1.16	29.99	1437.31	283.8	0.01	34.71	1453.33
23.5	-1.12	30.13	1437.71	289.0	0.04	34.73	1453.57
25.9	-1.03	30.54	1438.71	294.2	0.10	34.74	1453.96
28.0	-1.00	30.74	1439.19				
30.2	-1.05	30.93	1439.21				
32.4	-1.12	31.00	1439.01				
34.8	-1.24	31.03	1438.55				
37.1	-1.12	31.11	1439.24				
39.2	-1.18	31.15	1439.06				
41.3	-1.23	31.18	1438.89				
43.5	-1.26	31.21	1438.79				
45.6	-1.31	31.24	1438.65				
47.7	-1.34	31.26	1438.58				
49.8	-1.42	31.31	1438.27				
51.9	-1.45	31.35	1438.23				
54.0	-1.47	31.40	1438.25				
56.1	-1.48	31.48	1438.33				
58.2	-1.47	31.57	1438.53				
60.3	-1.51	31.68	1438.53				
62.4	-1.56	31.78	1438.46				
64.7	-1.45	31.87	1439.12				
67.1	-1.42	31.94	1439.44				
69.2	-1.39	32.02	1439.72				
71.3	-1.36	32.05	1439.92				
73.4	-1.36	32.09	1439.99				
75.5	-1.37	32.13	1440.07				
77.6	-1.44	32.21	1439.84				
79.7	-1.44	32.26	1439.95				
81.8	-1.46	32.30	1439.93				
84.0	-1.41	32.34	1440.30				
86.2	-1.42	32.39	1440.32				
88.3	-1.44	32.41	1440.30				
90.5	-1.45	32.46	1440.36				
92.6	-1.45	32.49	1440.43				
94.7	-1.46	32.51	1440.44				
96.9	-1.44	32.54	1440.61				
99.1	-1.44	32.57	1440.68				
101.3	-1.44	32.59	1440.74				
103.4	-1.45	32.62	1440.79				
105.7	-1.45	32.65	1440.86				
107.8	-1.46	32.68	1440.90				
109.9	-1.46	32.70	1440.94				
112.1	-1.47	32.73	1440.99				
114.3	-1.47	32.76	1441.06				
116.4	-1.47	32.79	1441.10				
118.6	-1.48	32.81	1441.16				
120.8	-1.48	32.84	1441.22				
123.1	-1.49	32.87	1441.27				
125.3	-1.49	32.91	1441.31				
127.4	-1.50	32.93	1441.36				
129.6	-1.50	32.96	1441.41				
131.8	-1.50	32.99	1441.48				
133.9	-1.51	33.03	1441.52				
136.0	-1.52	33.07	1441.57				
138.2	-1.53	33.11	1441.63				
140.4	-1.54	33.13	1441.65				
142.6	-1.54	33.17	1441.73				
144.7	-1.54	33.19	1441.77				
146.8	-1.54	33.22	1441.85				
149.0	-1.55	33.26	1441.92				
154.1	-1.53	33.32	1442.17				
159.3	-1.53	33.39	1442.35				
164.5	-1.48	33.45	1442.72				
169.8	-1.44	33.53	1443.15				
175.0	-1.40	33.59	1443.48				
180.2	-1.33	33.67	1444.03				
185.3	-1.28	33.74	1444.43				
190.5	-1.20	33.83	1445.00				
195.7	-1.12	33.90	1445.55				
201.0	-1.08	33.94	1445.90				
206.2	-0.99	34.05	1446.57				
211.4	-0.89	34.14	1447.23				

MIZPAC 85  
 DATE: 85/08/19  
 LAT: 71 33.9 N

CAST# 4 DOWN  
 TIME: 15:53:49  
 LON: 133 59.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.1	-1.14	29.27	1436.05	226.8	-0.86	34.18	1447.68
1.1	-1.47	29.36	1434.62	231.9	-0.78	34.27	1448.24
2.2	-1.44	29.33	1434.74	237.1	-0.70	34.33	1448.76
3.4	-1.46	29.35	1434.68	242.2	-0.66	34.38	1449.10
4.6	-1.45	29.35	1434.78	247.3	-0.61	34.43	1449.48
5.8	-1.46	29.35	1434.76	252.4	-0.52	34.48	1450.08
7.1	-1.44	29.35	1434.88	257.4	-0.42	34.52	1450.68
8.3	-1.44	29.35	1434.87	262.5	-0.35	34.56	1451.10
9.6	-1.46	29.37	1434.84	267.6	-0.29	34.60	1451.54
11.7	-1.46	29.41	1434.91	272.8	-0.23	34.62	1451.91
13.8	-1.45	29.42	1434.98	278.0	-0.21	34.64	1452.14
16.0	-1.42	29.55	1435.34	283.1	-0.18	34.65	1452.36
18.2	-1.27	29.90	1436.57	288.4	-0.14	34.67	1452.68
20.5	-1.22	30.29	1437.39	293.6	-0.08	34.69	1453.04
22.7	-1.12	30.51	1438.19	298.7	-0.04	34.70	1453.31
24.9	-1.06	30.96	1439.14	308.9	0.01	34.73	1453.78
27.1	-1.12	31.06	1439.00	319.0	0.09	34.76	1454.34
29.4	-1.16	31.14	1438.98	329.1	0.15	34.77	1454.79
31.7	-1.23	31.18	1438.72	339.5	0.20	34.78	1455.21
33.9	-1.29	31.22	1438.55	350.0	0.26	34.80	1455.67
36.0	-1.35	31.26	1438.34	360.3	0.30	34.81	1456.03
38.2	-1.40	31.31	1438.18	370.6	0.33	34.82	1456.35
40.5	-1.48	31.41	1437.99	381.0	0.36	34.83	1456.68
42.8	-1.38	31.48	1438.59	391.4	0.38	34.84	1456.97
45.0	-1.37	31.65	1438.91	401.7	0.41	34.85	1457.26
47.3	-1.38	31.73	1439.00	412.1	0.43	34.85	1457.51
49.5	-1.35	31.86	1439.38	422.4	0.44	34.86	1457.75
51.8	-1.34	31.93	1439.56	432.8	0.45	34.87	1457.98
54.1	-1.34	31.98	1439.64	443.2	0.46	34.87	1458.21
56.3	-1.35	32.03	1439.69	453.7	0.47	34.87	1458.42
58.6	-1.38	32.08	1439.65	464.2	0.48	34.88	1458.63
60.9	-1.38	32.11	1439.74	474.5	0.48	34.88	1458.83
63.2	-1.38	32.14	1439.80	484.8	0.49	34.89	1459.02
65.3	-1.39	32.18	1439.87	495.1	0.49	34.89	1459.21
67.4	-1.39	32.22	1439.93	505.5	0.49	34.89	1459.40
69.7	-1.39	32.24	1439.98	515.7	0.50	34.90	1459.58
71.9	-1.40	32.27	1440.04	525.9	0.49	34.90	1459.75
74.3	-1.40	32.29	1440.10	536.1	0.50	34.90	1459.92
76.6	-1.41	32.31	1440.14	546.4	0.49	34.90	1460.08
78.8	-1.43	32.34	1440.11	556.7	0.49	34.90	1460.23
81.1	-1.43	32.37	1440.17	567.1	0.48	34.90	1460.39
83.4	-1.43	32.40	1440.27	577.4	0.48	34.91	1460.55
85.6	-1.42	32.42	1440.36	587.7	0.47	34.91	1460.68
88.0	-1.41	32.44	1440.45	597.8	0.47	34.91	1460.82
90.2	-1.41	32.47	1440.52	608.2	0.46	34.91	1460.97
92.5	-1.42	32.49	1440.56	618.7	0.46	34.91	1461.12
94.8	-1.43	32.53	1440.61	629.3	0.45	34.91	1461.27
97.0	-1.44	32.56	1440.66	639.4	0.44	34.92	1461.39
99.1	-1.44	32.59	1440.69	649.6	0.43	34.92	1461.52
101.5	-1.45	32.61	1440.76	659.7	0.43	34.92	1461.66
103.7	-1.45	32.67	1440.84	670.1	0.41	34.92	1461.77
106.0	-1.46	32.71	1440.88	680.2	0.40	34.92	1461.90
108.3	-1.46	32.72	1440.92	690.4	0.39	34.92	1462.02
110.6	-1.47	32.74	1440.97	700.6	0.38	34.92	1462.13
112.9	-1.48	32.77	1441.01	710.8	0.37	34.92	1462.24
115.1	-1.48	32.81	1441.06	721.0	0.35	34.92	1462.35
117.4	-1.49	32.83	1441.10	731.2	0.34	34.92	1462.47
119.7	-1.49	32.85	1441.15	741.4	0.33	34.93	1462.58
122.0	-1.49	32.87	1441.21	751.5	0.31	34.93	1462.69
124.3	-1.50	32.91	1441.26	761.7	0.31	34.93	1462.82
126.5	-1.50	32.92	1441.31	771.9	0.29	34.93	1462.93
128.7	-1.50	32.95	1441.36	782.1	0.28	34.93	1463.04
130.9	-1.50	32.96	1441.42	792.3	0.26	34.93	1463.13
133.1	-1.51	32.98	1441.45	802.5	0.25	34.93	1463.26
135.5	-1.52	32.99	1441.47	812.7	0.24	34.93	1463.38
137.7	-1.52	33.01	1441.52	822.8	0.23	34.93	1463.49
140.0	-1.53	33.03	1441.54	833.3	0.22	34.93	1463.61
142.3	-1.54	33.06	1441.57	843.7	0.21	34.93	1463.74
144.6	-1.53	33.09	1441.68	854.1	0.20	34.93	1463.85
146.8	-1.56	33.12	1441.65	864.6	0.18	34.93	1463.97
149.1	-1.56	33.16	1441.70	875.1	0.17	34.93	1464.10
154.3	-1.57	33.19	1441.81	885.6	0.16	34.93	1464.21
159.6	-1.56	33.23	1441.96	896.0	0.15	34.93	1464.32
164.7	-1.56	33.30	1442.15				
169.9	-1.55	33.35	1442.36				
175.1	-1.52	33.39	1442.65				
180.2	-1.48	33.44	1442.97				
185.3	-1.45	33.50	1443.29				
190.6	-1.41	33.58	1443.68				
195.8	-1.36	33.64	1444.05				
201.0	-1.31	33.72	1444.53				
206.2	-1.23	33.81	1445.08				
211.4	-1.15	33.92	1445.70				
216.5	-1.05	34.01	1446.37				
221.6	-0.97	34.08	1446.94				

MIZPAC 85  
 DATE: 85/08/20  
 LAT: 71 18.9 N

CAST# 5 DOWN  
 TIME: 09:45:26  
 LON: 134 00.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.0	-1.44	28.54	1433.64	222.1	-0.97	34.09	1446.97
1.1	-1.47	28.90	1434.01	227.2	-0.92	34.19	1447.42
2.2	-1.47	29.01	1434.16	232.5	-0.80	34.25	1448.13
3.3	-1.47	29.03	1434.21	237.7	-0.74	34.29	1448.55
4.4	-1.47	29.06	1434.27	242.9	-0.67	34.34	1449.02
5.5	-1.47	29.08	1434.34	248.0	-0.59	34.40	1449.58
6.8	-1.47	29.10	1434.39	253.3	-0.48	34.44	1450.22
8.1	-1.46	29.10	1434.42	258.5	-0.43	34.49	1450.58
9.4	-1.46	29.11	1434.46	263.7	-0.37	34.55	1451.03
11.7	-1.46	29.12	1434.55	268.9	-0.32	34.55	1451.36
14.0	-1.45	29.13	1434.63	274.1	-0.26	34.52	1451.65
16.2	-1.43	29.14	1434.78	279.4	-0.19	34.54	1452.09
18.3	-1.41	29.18	1434.96	284.6	-0.18	34.63	1452.35
20.6	-1.36	29.28	1435.36	289.7	-0.14	34.60	1452.58
22.8	-1.29	29.51	1436.04	294.9	-0.08	34.57	1452.93
25.1	-1.21	29.81	1436.89	300.2	-0.01	34.71	1453.52
27.3	-1.14	30.17	1437.70	310.3	0.05	34.73	1454.00
29.5	-1.13	30.61	1438.41	320.4	0.10	34.75	1454.40
31.8	-1.11	30.97	1439.01	330.6	0.15	34.76	1454.81
33.9	-1.13	31.07	1439.09	340.8	0.20	34.78	1455.21
36.2	-1.22	31.15	1438.83	351.3	0.24	34.79	1455.59
38.5	-1.25	31.19	1438.74	361.6	0.28	34.81	1455.96
40.8	-1.31	31.23	1438.56	372.0	0.32	34.82	1456.33
43.0	-1.34	31.29	1438.55	382.4	0.34	34.82	1456.60
45.1	-1.37	31.40	1438.59	392.5	0.37	34.83	1456.93
47.3	-1.37	31.49	1438.74	402.7	0.40	34.84	1457.20
49.4	-1.37	31.54	1438.81	412.8	0.42	34.85	1457.48
51.7	-1.42	31.63	1438.76	423.2	0.44	34.86	1457.74
53.9	-1.42	31.70	1438.89	433.7	0.45	34.86	1457.99
56.1	-1.42	31.80	1439.05	444.2	0.47	34.87	1458.25
58.3	-1.40	31.88	1439.27	454.3	0.47	34.87	1458.45
60.5	-1.37	31.97	1439.61	464.6	0.48	34.88	1458.64
62.9	-1.40	32.02	1439.55	474.8	0.48	34.88	1458.84
65.2	-1.41	32.09	1439.66	485.0	0.49	34.88	1459.03
67.4	-1.39	32.13	1439.81	495.4	0.49	34.89	1459.22
69.7	-1.40	32.18	1439.89	505.9	0.49	34.89	1459.40
72.0	-1.40	32.24	1439.99	515.9	0.49	34.89	1459.58
74.1	-1.40	32.27	1440.05	526.1	0.50	34.89	1459.76
76.4	-1.41	32.30	1440.10	536.2	0.50	34.90	1459.93
78.7	-1.42	32.35	1440.16	546.6	0.50	34.90	1460.10
81.0	-1.42	32.39	1440.25	556.9	0.50	34.90	1460.27
83.3	-1.42	32.43	1440.31	567.2	0.49	34.90	1460.43
85.5	-1.43	32.46	1440.37	577.5	0.49	34.90	1460.59
87.6	-1.44	32.49	1440.41	587.8	0.49	34.90	1460.75
89.8	-1.44	32.51	1440.47	598.1	0.48	34.91	1460.88
91.9	-1.44	32.55	1440.54	608.5	0.47	34.91	1461.02
94.0	-1.45	32.56	1440.57	619.0	0.46	34.91	1461.14
96.2	-1.45	32.59	1440.61	629.4	0.45	34.91	1461.28
98.5	-1.46	32.63	1440.67	639.5	0.44	34.91	1461.41
100.8	-1.47	32.65	1440.69	650.0	0.43	34.91	1461.52
103.0	-1.48	32.68	1440.72	660.2	0.42	34.92	1461.67
105.1	-1.48	32.70	1440.78	670.6	0.42	34.92	1461.80
107.3	-1.48	32.73	1440.84	680.7	0.40	34.92	1461.89
109.6	-1.49	32.75	1440.87	691.2	0.39	34.92	1462.01
111.9	-1.50	32.78	1440.91				
114.1	-1.50	32.83	1440.97				
116.3	-1.51	32.83	1440.99				
118.4	-1.51	32.88	1441.08				
120.6	-1.51	32.89	1441.13				
122.7	-1.52	32.91	1441.15				
124.9	-1.52	32.93	1441.21				
127.2	-1.52	32.96	1441.28				
129.5	-1.52	32.98	1441.36				
131.8	-1.52	33.02	1441.42				
134.1	-1.53	33.02	1441.44				
136.3	-1.53	33.06	1441.51				
138.7	-1.55	33.08	1441.47				
140.9	-1.56	33.11	1441.51				
143.1	-1.56	33.12	1441.56				
145.3	-1.56	33.14	1441.62				
147.4	-1.56	33.16	1441.67				
149.7	-1.57	33.17	1441.70				
154.9	-1.57	33.22	1441.84				
160.0	-1.57	33.28	1442.00				
165.2	-1.56	33.32	1442.18				
170.3	-1.55	33.36	1442.38				
175.6	-1.52	33.43	1442.70				
180.9	-1.50	33.47	1442.94				
186.0	-1.47	33.54	1443.28				
191.1	-1.41	33.62	1443.71				
196.3	-1.35	33.71	1444.23				
201.5	-1.27	33.78	1444.76				
206.6	-1.18	33.86	1445.41				
211.7	-1.12	33.97	1445.91				
216.9	-1.01	34.04	1446.61				

MIZPAC 85  
DATE: 85/08/21  
LAT: 71 08.2 N

CAST# 6 DOWN  
TIME: 01:46:44  
LON: 134 09.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.82	20.50	1425.80	221.6	-0.70	34.29	1448.48
1.1	-1.10	27.14	1433.40	226.9	-0.62	34.38	1449.05
2.4	-1.25	28.69	1434.79	232.2	-0.53	34.44	1449.64
3.5	-0.76	28.27	1436.60	237.4	-0.47	34.47	1450.04
4.8	-1.36	28.76	1434.43	242.7	-0.42	34.51	1450.43
5.9	-1.36	28.78	1434.43	247.8	-0.34	34.55	1450.89
7.1	-1.32	28.84	1434.76	253.0	-0.29	34.58	1451.26
8.4	-1.33	28.87	1434.77	258.2	-0.25	34.60	1451.56
9.6	-1.32	28.87	1434.84	263.5	-0.20	34.62	1451.90
11.8	-1.31	28.87	1434.91	268.6	-0.17	34.64	1452.15
14.0	-1.32	28.99	1435.05	273.7	-0.14	34.65	1452.39
16.1	-1.31	29.12	1435.32	278.8	-0.09	34.67	1452.72
18.2	-1.29	29.35	1435.77	284.1	-0.07	34.68	1452.92
20.4	-1.20	29.67	1436.66	289.4	0.00	34.71	1453.37
22.6	-1.20	29.81	1436.89	294.5	0.03	34.72	1453.61
24.9	-1.17	29.96	1437.28				
27.2	-1.11	30.21	1437.92				
29.5	-1.02	30.54	1438.81				
31.8	-1.01	30.83	1439.28				
34.0	-1.07	30.94	1439.21				
36.2	-1.21	31.02	1438.69				
38.5	-1.23	31.07	1438.68				
40.8	-1.25	31.10	1438.67				
43.0	-1.25	31.13	1438.72				
45.2	-1.30	31.17	1438.60				
47.4	-1.37	31.23	1438.38				
49.6	-1.46	31.28	1438.07				
51.7	-1.46	31.34	1438.18				
53.9	-1.46	31.38	1438.25				
56.1	-1.47	31.45	1438.33				
58.4	-1.47	31.54	1438.48				
60.6	-1.49	31.67	1438.63				
62.9	-1.53	31.76	1438.59				
65.1	-1.52	31.86	1438.78				
67.3	-1.38	31.91	1439.56				
69.6	-1.45	31.96	1439.36				
71.8	-1.42	32.01	1439.60				
74.0	-1.42	32.06	1439.68				
76.3	-1.37	32.12	1440.03				
78.4	-1.44	32.15	1439.77				
80.5	-1.47	32.20	1439.74				
82.7	-1.43	32.24	1440.01				
84.9	-1.45	32.30	1440.04				
87.1	-1.45	32.34	1440.12				
89.3	-1.45	32.40	1440.27				
91.6	-1.45	32.44	1440.35				
93.8	-1.45	32.48	1440.44				
96.0	-1.44	32.50	1440.52				
98.3	-1.44	32.51	1440.57				
100.5	-1.44	32.54	1440.66				
102.7	-1.45	32.58	1440.69				
105.0	-1.46	32.61	1440.76				
107.1	-1.46	32.65	1440.85				
109.2	-1.46	32.67	1440.91				
111.4	-1.46	32.70	1440.98				
113.5	-1.46	32.72	1441.03				
115.8	-1.47	32.75	1441.07				
118.0	-1.47	32.78	1441.11				
120.2	-1.48	32.80	1441.15				
122.4	-1.48	32.82	1441.19				
124.6	-1.49	32.85	1441.26				
126.9	-1.49	32.89	1441.33				
129.0	-1.50	32.92	1441.35				
131.3	-1.51	32.95	1441.41				
133.5	-1.51	32.98	1441.47				
135.6	-1.51	33.00	1441.50				
137.7	-1.51	33.03	1441.59				
139.8	-1.52	33.05	1441.60				
142.1	-1.52	33.10	1441.69				
144.2	-1.53	33.13	1441.75				
146.5	-1.53	33.18	1441.86				
148.8	-1.54	33.22	1441.90				
154.0	-1.53	33.30	1442.12				
159.3	-1.51	33.35	1442.37				
164.5	-1.51	33.42	1442.56				
169.7	-1.46	33.51	1443.00				
174.8	-1.41	33.57	1443.42				
180.0	-1.37	33.64	1443.79				
185.2	-1.30	33.70	1444.26				
190.3	-1.23	33.79	1444.79				
195.4	-1.12	33.91	1445.56				
200.6	-1.03	33.99	1446.17				
205.9	-0.94	34.08	1446.79				
211.1	-0.85	34.17	1447.42				
216.3	-0.77	34.23	1447.96				



MIZPAC 85                      CAST# 7 DOWN  
 DATE: 85/08/21                TIME: 02:14:29  
 LAT: 71 08.2 N                LON: 134 09.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.19	11.81	1417.23
1.0	-1.20	28.35	1434.56
2.1	-1.17	28.64	1435.13
3.3	-0.84	29.24	1437.50
4.5	-1.22	28.83	1435.16
5.6	-1.24	28.88	1435.17
6.7	-1.20	28.84	1435.32
7.9	-1.30	28.87	1434.88
9.0	-1.31	28.87	1434.85
10.1	-1.32	28.88	1434.86
12.3	-1.32	28.94	1434.99
14.4	-1.32	29.10	1435.21
16.6	-1.31	29.24	1435.51
18.7	-1.22	29.65	1436.51
20.8	-1.19	29.81	1436.91
22.9	-1.18	29.92	1437.13
25.0	-1.13	30.11	1437.68
27.1	-1.07	30.37	1438.35
29.3	-1.00	30.76	1439.23
31.4	-1.06	30.94	1439.22
33.6	-1.13	31.00	1439.02
35.7	-1.18	31.05	1438.84
37.8	-1.22	31.08	1438.76
40.0	-1.26	31.11	1438.64
42.1	-1.27	31.14	1438.66
44.3	-1.30	31.17	1438.61
46.4	-1.35	31.22	1438.44
48.5	-1.39	31.26	1438.33
50.7	-1.46	31.32	1438.13
52.8	-1.49	31.38	1438.11
54.9	-1.46	31.44	1438.35
57.1	-1.47	31.53	1438.46
59.4	-1.47	31.65	1438.65
61.5	-1.49	31.71	1438.71
63.7	-1.50	31.79	1438.77
65.9	-1.52	31.89	1438.86
68.1	-1.47	31.95	1439.21
70.2	-1.50	32.01	1439.17
72.4	-1.49	32.07	1439.37
74.6	-1.41	32.15	1439.89
76.7	-1.38	32.17	1440.06
78.9	-1.46	32.19	1439.76
81.0	-1.47	32.24	1439.79
83.2	-1.47	32.30	1439.95
85.4	-1.43	32.35	1440.25
87.6	-1.44	32.41	1440.28
89.7	-1.43	32.44	1440.38
91.9	-1.45	32.47	1440.38
94.0	-1.45	32.49	1440.47
96.1	-1.45	32.50	1440.51
98.2	-1.45	32.51	1440.56

MIZPAC 85  
 DATE: 85/08/21  
 LAT: 70 59.8 N

CAST# 8 DOWN  
 TIME: 12:23:06  
 LON: 135 19.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.0	-0.90	17.64	1421.56	222.9	-0.90	34.11	1447.30
1.1	-1.07	21.84	1426.41	228.0	-0.82	34.20	1447.89
2.3	-1.08	22.02	1426.61	233.1	-0.74	34.27	1448.46
3.4	-1.09	22.15	1426.78	238.4	-0.66	34.33	1448.98
4.6	-1.10	23.54	1428.63	243.6	-0.59	34.39	1449.46
5.7	-1.14	25.33	1430.83	248.7	-0.52	34.43	1449.91
6.9	-1.20	26.56	1432.25	253.9	-0.46	34.48	1450.38
8.2	-1.28	27.51	1433.14	259.2	-0.38	34.53	1450.90
9.5	-1.33	27.80	1433.33	264.4	-0.34	34.55	1451.18
11.6	-1.27	28.15	1434.13	269.6	-0.29	34.58	1451.54
13.8	-1.27	28.67	1434.85	274.8	-0.24	34.60	1451.88
16.0	-1.29	28.89	1435.10	279.9	-0.19	34.63	1452.21
18.1	-1.25	29.04	1435.50	285.0	-0.15	34.64	1452.53
20.2	-1.17	29.35	1436.37	290.1	-0.12	34.65	1452.74
22.5	-1.11	29.71	1437.17	295.3	-0.08	34.67	1453.04
24.7	-1.07	30.26	1438.16	305.5	-0.01	34.70	1453.59
27.0	-1.02	30.73	1439.02				
29.3	-1.07	30.96	1439.17				
31.5	-1.13	31.06	1439.00				
33.7	-1.18	31.08	1438.88				
35.9	-1.23	31.11	1438.68				
38.2	-1.27	31.14	1438.59				
40.5	-1.32	31.18	1438.46				
42.8	-1.35	31.24	1438.41				
45.0	-1.37	31.27	1438.38				
47.2	-1.42	31.36	1438.28				
49.4	-1.47	31.43	1438.21				
51.7	-1.47	31.50	1438.32				
53.9	-1.39	31.60	1438.89				
56.1	-1.43	31.68	1438.82				
58.4	-1.41	31.78	1439.12				
60.6	-1.41	31.92	1439.33				
62.8	-1.40	31.97	1439.47				
64.9	-1.48	32.01	1439.17				
67.1	-1.48	32.03	1439.25				
69.3	-1.44	32.12	1439.59				
71.6	-1.38	32.14	1439.95				
73.8	-1.38	32.18	1440.02				
76.1	-1.39	32.22	1440.08				
78.3	-1.40	32.28	1440.17				
80.6	-1.40	32.33	1440.23				
82.8	-1.40	32.36	1440.31				
85.1	-1.42	32.40	1440.33				
87.3	-1.42	32.44	1440.43				
89.6	-1.43	32.47	1440.46				
91.9	-1.43	32.51	1440.52				
94.0	-1.44	32.53	1440.53				
96.1	-1.43	32.55	1440.66				
98.3	-1.44	32.57	1440.68				
100.6	-1.45	32.59	1440.68				
102.8	-1.46	32.62	1440.73				
105.0	-1.46	32.65	1440.79				
107.3	-1.47	32.66	1440.82				
109.5	-1.48	32.69	1440.83				
111.8	-1.47	32.71	1440.93				
114.0	-1.48	32.73	1440.96				
116.3	-1.48	32.76	1441.04				
118.5	-1.49	32.80	1441.08				
120.8	-1.49	32.83	1441.15				
123.0	-1.50	32.86	1441.20				
125.2	-1.50	32.88	1441.24				
127.3	-1.51	32.91	1441.26				
129.4	-1.51	32.93	1441.30				
131.7	-1.51	32.95	1441.41				
133.9	-1.51	32.99	1441.45				
136.1	-1.52	33.01	1441.49				
138.4	-1.53	33.03	1441.51				
140.6	-1.54	33.06	1441.55				
142.8	-1.54	33.08	1441.60				
145.1	-1.55	33.10	1441.64				
147.3	-1.55	33.12	1441.67				
149.5	-1.55	33.14	1441.73				
154.9	-1.54	33.20	1441.97				
160.1	-1.54	33.25	1442.09				
165.2	-1.53	33.31	1442.31				
170.6	-1.51	33.36	1442.55				
175.7	-1.50	33.41	1442.79				
181.0	-1.47	33.49	1443.10				
186.3	-1.42	33.55	1443.48				
191.5	-1.36	33.63	1444.00				
196.8	-1.32	33.68	1444.34				
201.9	-1.26	33.75	1444.79				
207.0	-1.17	33.85	1445.42				
212.3	-1.07	33.96	1446.12				
217.6	-1.00	34.02	1446.64				

MIZPAC 85                      CAST# 9 DOWN  
 DATE: 85/08/21                TIME: 21:44:47  
 LAT: 70 53.8 N                LON: 135 24.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	-0.57	14.09	1418.42	217.7	-1.09	33.95	1446.12
1.2	-0.74	15.95	1420.12	223.1	-0.96	34.07	1446.96
2.4	-0.74	16.06	1420.26	228.4	-0.89	34.15	1447.52
3.6	-0.77	16.90	1421.28	233.8	-0.79	34.25	1448.20
4.7	-0.78	17.87	1422.54	239.1	-0.70	34.31	1448.76
6.0	-0.93	23.19	1429.02	244.3	-0.62	34.38	1449.31
7.1	-0.98	23.65	1429.41	249.4	-0.55	34.43	1449.83
8.2	-0.99	23.83	1429.63	254.5	-0.47	34.48	1450.34
9.5	-1.05	25.88	1432.07	259.8	-0.42	34.51	1450.71
11.8	-1.06	28.33	1435.36	264.9	-0.38	34.54	1451.00
14.0	-1.15	28.81	1435.64	270.1	-0.33	34.57	1451.35
16.1	-1.10	29.11	1436.29	275.4	-0.24	34.60	1451.89
18.2	-1.00	29.43	1437.26	280.5	-0.18	34.63	1452.31
20.3	-1.18	29.87	1436.99	285.8	-0.13	34.65	1452.63
22.5	-1.22	30.28	1437.42	290.9	-0.12	34.66	1452.79
24.6	-1.24	30.53	1437.69	296.0	-0.05	34.68	1453.20
26.7	-1.31	30.65	1437.56	306.2	0.06	34.73	1453.93
28.8	-1.36	30.80	1437.55	316.4	0.15	34.76	1454.57
31.0	-1.37	30.88	1437.64	326.5	0.23	34.78	1455.14
33.2	-1.39	30.93	1437.67	337.0	0.28	34.80	1455.53
35.4	-1.37	31.04	1437.92	347.2	0.32	34.82	1455.93
37.6	-1.34	31.10	1438.19	357.5	0.35	34.83	1456.26
39.8	-1.37	31.20	1438.20	367.9	0.37	34.84	1456.53
42.0	-1.43	31.27	1438.07	378.3	0.41	34.85	1456.88
44.2	-1.47	31.33	1437.99	388.5	0.42	34.86	1457.13
46.5	-1.50	31.50	1438.09				
48.6	-1.46	31.60	1438.50				
50.8	-1.49	31.69	1438.49				
53.0	-1.55	31.77	1438.33				
55.3	-1.52	31.84	1438.60				
57.4	-1.50	31.93	1438.88				
59.5	-1.49	32.01	1439.04				
61.7	-1.55	32.06	1438.88				
63.9	-1.55	32.11	1438.98				
66.1	-1.50	32.19	1439.36				
68.4	-1.48	32.26	1439.60				
70.6	-1.48	32.28	1439.65				
72.8	-1.45	32.31	1439.85				
75.0	-1.49	32.32	1439.73				
77.2	-1.52	32.37	1439.69				
79.4	-1.50	32.41	1439.84				
81.7	-1.49	32.46	1440.03				
83.9	-1.48	32.49	1440.16				
86.0	-1.49	32.51	1440.18				
88.2	-1.49	32.54	1440.23				
90.3	-1.47	32.58	1440.44				
92.5	-1.48	32.61	1440.43				
94.7	-1.48	32.62	1440.51				
96.9	-1.47	32.64	1440.60				
99.1	-1.47	32.66	1440.68				
101.3	-1.47	32.70	1440.77				
103.5	-1.48	32.72	1440.80				
105.8	-1.48	32.75	1440.86				
108.0	-1.49	32.76	1440.88				
110.2	-1.49	32.79	1440.94				
112.4	-1.50	32.82	1440.98				
114.6	-1.50	32.85	1441.03				
116.8	-1.50	32.88	1441.10				
118.9	-1.51	32.91	1441.16				
121.0	-1.51	32.93	1441.18				
123.2	-1.51	32.96	1441.27				
125.4	-1.52	33.01	1441.31				
127.6	-1.52	33.01	1441.35				
129.8	-1.52	33.01	1441.38				
132.0	-1.52	33.01	1441.42				
134.2	-1.52	33.03	1441.47				
136.4	-1.53	33.03	1441.50				
138.6	-1.53	33.04	1441.54				
140.8	-1.53	33.05	1441.59				
143.0	-1.53	33.06	1441.62				
145.1	-1.54	33.09	1441.67				
147.3	-1.54	33.11	1441.71				
149.4	-1.55	33.13	1441.71				
154.6	-1.55	33.17	1441.86				
159.8	-1.55	33.22	1442.03				
165.1	-1.54	33.26	1442.20				
170.3	-1.53	33.33	1442.45				
175.6	-1.51	33.38	1442.66				
180.7	-1.50	33.42	1442.90				
185.8	-1.48	33.46	1443.11				
191.1	-1.43	33.54	1443.52				
196.4	-1.37	33.62	1444.03				
201.7	-1.32	33.68	1444.42				
207.0	-1.29	33.72	1444.68				
212.4	-1.16	33.86	1445.58				

MIZPAC 85  
 DATE: 85/08/22  
 LAT: 70 31.1 N

CAST# 10 DOWN  
 TIME: 04:44:05  
 LON: 136 16.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	0.36	8.31	1415.25	225.5	-1.04	34.00	1446.58
1.4	0.35	8.39	1415.34	230.8	-0.94	34.11	1447.28
2.6	0.35	8.35	1415.34	236.2	-0.82	34.21	1448.02
3.7	0.32	8.61	1415.55	241.4	-0.73	34.30	1448.66
4.9	-0.07	13.58	1420.27	246.6	-0.66	34.36	1449.14
6.1	-0.65	20.97	1427.36	251.7	-0.55	34.43	1449.84
7.1	-0.87	23.72	1430.02	256.7	-0.44	34.51	1450.56
8.2	-1.12	26.20	1432.16	261.9	-0.36	34.54	1451.03
9.5	-1.18	27.03	1433.01	267.1	-0.31	34.57	1451.39
11.7	-1.21	28.44	1434.79	272.4	-0.28	34.60	1451.68
13.9	-1.23	28.89	1435.38	277.6	-0.22	34.62	1452.03
16.1	-1.18	29.31	1436.16	282.9	-0.19	34.63	1452.31
18.3	-1.26	29.63	1436.29	288.0	-0.14	34.66	1452.62
20.5	-1.15	30.01	1437.33	293.2	-0.10	34.68	1452.96
22.7	-1.18	30.58	1437.99	298.4	-0.03	34.70	1453.39
25.0	-1.25	30.82	1438.06	308.5	0.03	34.72	1453.86
27.1	-1.32	30.91	1437.85	318.9	0.12	34.75	1454.44
29.3	-1.32	30.99	1437.99	329.1	0.17	34.77	1454.87
31.4	-1.38	31.05	1437.85	339.6	0.22	34.78	1455.29
33.7	-1.42	31.08	1437.70	350.0	0.26	34.79	1455.65
36.0	-1.51	31.18	1437.48	360.4	0.31	34.81	1456.08
38.1	-1.49	31.28	1437.76	370.8	0.36	34.83	1456.49
40.4	-1.51	31.34	1437.73	381.2	0.37	34.84	1456.76
42.7	-1.58	31.46	1437.61	391.6	0.39	34.85	1457.02
45.0	-1.63	31.59	1437.59				
47.3	-1.64	31.68	1437.70				
49.4	-1.63	31.75	1437.86				
51.6	-1.64	31.83	1437.95				
53.9	-1.56	31.93	1438.54				
56.3	-1.53	32.01	1438.81				
58.6	-1.56	32.05	1438.76				
60.9	-1.57	32.10	1438.84				
63.2	-1.45	32.17	1439.53				
65.5	-1.57	32.22	1439.05				
67.8	-1.63	32.21	1438.80				
69.9	-1.62	32.25	1438.91				
72.3	-1.59	32.28	1439.16				
74.5	-1.54	32.29	1439.42				
76.8	-1.53	32.35	1439.60				
79.0	-1.57	32.38	1439.50				
81.2	-1.56	32.43	1439.65				
83.5	-1.53	32.47	1439.86				
85.8	-1.48	32.51	1440.19				
88.2	-1.49	32.54	1440.22				
90.4	-1.51	32.55	1440.19				
92.5	-1.49	32.59	1440.38				
94.8	-1.46	32.60	1440.57				
97.1	-1.48	32.64	1440.56				
99.2	-1.48	32.66	1440.64				
101.5	-1.48	32.70	1440.71				
103.8	-1.49	32.72	1440.72				
106.1	-1.49	32.74	1440.79				
108.3	-1.50	32.76	1440.84				
110.5	-1.49	32.79	1440.94				
112.8	-1.50	32.81	1440.97				
115.0	-1.50	32.84	1440.99				
117.1	-1.51	32.86	1441.04				
119.4	-1.51	32.88	1441.12				
121.7	-1.51	32.91	1441.16				
123.8	-1.51	32.92	1441.22				
126.1	-1.51	32.94	1441.30				
128.1	-1.52	32.95	1441.26				
130.4	-1.51	32.97	1441.38				
132.6	-1.52	32.99	1441.41				
135.0	-1.52	33.01	1441.47				
137.2	-1.53	33.03	1441.51				
139.3	-1.54	33.04	1441.50				
141.5	-1.55	33.06	1441.50				
143.7	-1.55	33.07	1441.55				
146.0	-1.54	33.10	1441.66				
148.3	-1.55	33.11	1441.71				
153.4	-1.55	33.15	1441.83				
158.6	-1.56	33.20	1441.92				
163.7	-1.56	33.23	1442.07				
168.8	-1.55	33.28	1442.26				
173.9	-1.55	33.31	1442.35				
179.2	-1.52	33.36	1442.64				
184.3	-1.51	33.42	1442.89				
189.4	-1.47	33.48	1443.23				
194.6	-1.44	33.55	1443.56				
199.7	-1.41	33.61	1443.86				
204.8	-1.32	33.70	1444.49				
210.0	-1.24	33.78	1445.06				
215.2	-1.18	33.84	1445.49				
220.4	-1.13	33.91	1445.93				

MIZPAC 85  
 DATE: 85/08/22  
 LAT: 70 30.1 N

CAST# 11 DOWN  
 TIME: 08:19:38  
 LON: 136 48.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	2.73	7.34	1425.25	223.1	-0.76	34.28	1448.17
1.7	2.68	7.35	1425.04	228.4	-0.60	34.38	1449.16
3.0	2.42	8.41	1425.24	233.7	-0.49	34.46	1449.87
4.3	1.54	14.09	1428.57	238.8	-0.42	34.50	1450.32
5.5	-0.08	20.58	1429.57	244.0	-0.35	34.54	1450.77
6.8	-0.52	22.82	1430.48	249.1	-0.28	34.58	1451.22
8.0	-0.71	24.22	1431.44	254.3	-0.23	34.60	1451.58
9.3	-1.05	26.38	1432.73	259.5	-0.14	34.64	1452.13
11.4	-1.11	27.46	1433.94	264.7	-0.09	34.66	1452.47
13.8	-1.14	28.28	1434.93	269.9	-0.04	34.69	1452.84
16.2	-1.12	28.92	1435.95	275.1	-0.02	34.70	1453.05
18.4	-1.38	29.93	1436.11	280.3	0.02	34.72	1453.33
20.6	-1.50	30.60	1436.48	285.6	0.06	34.73	1453.60
22.8	-1.45	30.88	1437.11	291.0	0.08	34.74	1453.80
25.0	-1.54	31.00	1436.88				
27.2	-1.51	31.04	1437.11				
29.4	-1.59	31.19	1436.98				
31.5	-1.61	31.32	1437.09				
33.9	-1.64	31.44	1437.15				
36.2	-1.61	31.58	1437.52				
38.5	-1.60	31.67	1437.70				
40.7	-1.61	31.77	1437.84				
42.9	-1.63	31.84	1437.85				
45.1	-1.61	31.90	1438.09				
47.4	-1.65	31.99	1438.04				
49.6	-1.63	32.03	1438.24				
51.8	-1.63	32.06	1438.33				
54.0	-1.64	32.09	1438.36				
56.3	-1.64	32.11	1438.41				
58.5	-1.65	32.14	1438.44				
60.7	-1.61	32.16	1438.67				
62.8	-1.60	32.17	1438.79				
64.9	-1.59	32.20	1438.91				
67.0	-1.59	32.23	1439.01				
69.4	-1.60	32.27	1439.02				
71.6	-1.50	32.30	1439.55				
73.7	-1.55	32.33	1439.43				
76.1	-1.56	32.36	1439.46				
78.2	-1.54	32.39	1439.64				
80.3	-1.51	32.42	1439.83				
82.6	-1.51	32.45	1439.91				
84.7	-1.51	32.46	1439.97				
86.9	-1.50	32.48	1440.07				
89.2	-1.49	32.50	1440.18				
91.5	-1.50	32.53	1440.22				
93.7	-1.50	32.54	1440.28				
95.9	-1.50	32.57	1440.33				
98.1	-1.49	32.58	1440.43				
100.3	-1.49	32.61	1440.51				
102.4	-1.49	32.62	1440.53				
104.5	-1.48	32.63	1440.67				
106.6	-1.49	32.65	1440.64				
108.9	-1.49	32.66	1440.74				
111.1	-1.49	32.68	1440.80				
113.2	-1.49	32.69	1440.84				
115.3	-1.50	32.74	1440.87				
117.4	-1.50	32.75	1440.92				
119.5	-1.51	32.79	1440.98				
121.7	-1.51	32.80	1441.01				
123.8	-1.51	32.81	1441.06				
126.0	-1.51	32.82	1441.11				
128.2	-1.51	32.83	1441.18				
130.4	-1.51	32.84	1441.21				
132.6	-1.52	32.86	1441.24				
134.8	-1.51	32.87	1441.30				
136.9	-1.51	32.88	1441.35				
139.1	-1.52	32.91	1441.41				
141.2	-1.52	32.93	1441.45				
143.4	-1.52	32.96	1441.54				
145.7	-1.52	32.97	1441.57				
148.0	-1.52	32.97	1441.62				
150.1	-1.54	33.01	1441.60				
155.2	-1.55	33.06	1441.70				
160.4	-1.56	33.12	1441.83				
165.7	-1.57	33.16	1441.93				
170.8	-1.56	33.21	1442.13				
176.1	-1.55	33.28	1442.34				
181.2	-1.54	33.32	1442.51				
186.4	-1.51	33.43	1442.92				
191.6	-1.49	33.46	1443.15				
196.7	-1.45	33.54	1443.53				
201.9	-1.35	33.65	1444.23				
207.1	-1.22	33.80	1445.13				
212.4	-1.18	33.82	1445.40				
217.8	-1.04	33.99	1446.38				



MIZPAC 85  
 DATE: 85/08/22  
 LAT: 70 21.2 N

CAST# 12 DOWN  
 TIME: 11:49:53  
 LON: 137 59.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.0	3.65	10.65	1433.72	231.6	-0.54	34.44	1449.58
2.4	2.88	12.09	1432.16	236.9	-0.49	34.47	1449.94
3.8	2.46	13.82	1432.50	242.0	-0.42	34.51	1450.39
5.0	2.32	13.96	1432.06	247.2	-0.39	34.53	1450.65
6.4	2.13	14.26	1431.58	252.4	-0.31	34.57	1451.17
7.6	0.02	18.24	1426.96	257.6	-0.27	34.60	1451.46
8.8	-0.46	19.98	1427.00	262.8	-0.21	34.62	1451.84
9.9	-0.84	23.17	1429.48	268.0	-0.17	34.64	1452.14
12.0	-1.02	25.90	1432.30	273.2	-0.10	34.66	1452.56
14.3	-1.12	28.15	1434.87	278.5	-0.07	34.68	1452.83
16.6	-1.13	29.19	1436.28	283.8	-0.04	34.69	1453.08
18.7	-1.01	30.02	1438.00	288.9	0.00	34.71	1453.34
20.8	-1.29	30.60	1437.46	294.0	0.04	34.72	1453.64
22.9	-1.49	30.80	1436.83				
25.0	-1.49	30.90	1436.99				
27.4	-1.45	31.09	1437.47				
29.8	-1.50	31.26	1437.49				
32.1	-1.62	31.38	1437.17				
34.4	-1.64	31.50	1437.24				
36.7	-1.64	31.60	1437.44				
38.9	-1.66	31.67	1437.46				
41.2	-1.67	31.75	1437.52				
43.4	-1.63	31.86	1437.92				
45.7	-1.66	31.90	1437.88				
47.9	-1.62	31.96	1438.20				
50.2	-1.64	32.06	1438.25				
52.4	-1.65	32.09	1438.30				
54.5	-1.58	32.13	1438.71				
56.6	-1.61	32.20	1438.69				
59.0	-1.57	32.22	1438.96				
61.3	-1.54	32.30	1439.22				
63.4	-1.54	32.33	1439.29				
65.8	-1.52	32.36	1439.48				
68.0	-1.50	32.38	1439.63				
70.3	-1.53	32.42	1439.60				
72.5	-1.51	32.46	1439.80				
74.7	-1.50	32.47	1439.86				
77.0	-1.50	32.50	1439.96				
79.4	-1.49	32.53	1440.07				
81.5	-1.50	32.56	1440.10				
83.6	-1.49	32.57	1440.21				
86.0	-1.47	32.58	1440.36				
88.2	-1.49	32.61	1440.31				
90.3	-1.50	32.62	1440.31				
92.5	-1.50	32.65	1440.40				
94.9	-1.50	32.67	1440.45				
97.1	-1.50	32.70	1440.55				
99.3	-1.50	32.72	1440.61				
101.5	-1.50	32.73	1440.64				
103.8	-1.50	32.75	1440.70				
106.1	-1.50	32.77	1440.77				
108.4	-1.51	32.82	1440.85				
110.6	-1.52	32.85	1440.87				
112.7	-1.52	32.87	1440.92				
115.0	-1.52	32.88	1440.97				
117.2	-1.53	32.91	1441.01				
119.3	-1.53	32.95	1441.09				
121.4	-1.54	32.98	1441.13				
123.5	-1.54	32.99	1441.16				
125.8	-1.55	33.02	1441.18				
127.9	-1.56	33.03	1441.22				
130.0	-1.56	33.05	1441.25				
132.2	-1.56	33.06	1441.30				
134.8	-1.56	33.10	1441.38				
137.2	-1.54	33.10	1441.53				
139.3	-1.55	33.12	1441.56				
141.4	-1.55	33.13	1441.61				
143.7	-1.55	33.15	1441.65				
146.2	-1.55	33.17	1441.72				
148.3	-1.57	33.19	1441.70				
153.6	-1.56	33.24	1441.90				
158.7	-1.55	33.31	1442.13				
163.9	-1.53	33.36	1442.36				
169.0	-1.50	33.42	1442.66				
174.4	-1.46	33.49	1443.05				
179.7	-1.40	33.57	1443.54				
184.9	-1.34	33.66	1444.02				
190.0	-1.22	33.81	1444.86				
195.2	-1.14	33.89	1445.43				
200.5	-1.09	33.94	1445.84				
205.6	-1.01	34.03	1446.42				
210.8	-0.92	34.12	1447.04				
216.1	-0.83	34.20	1447.65				
221.2	-0.74	34.28	1448.26				
226.5	-0.62	34.39	1449.06				

MIZPAC 85  
DATE: 85/08/22  
LAT: 69 57.6 N

CAST# 13 DOWN  
TIME: 14:37:17  
LON: 138 34.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.1	6.16	6.31	1439.24
0.0	6.17	6.31	1439.25
1.1	5.75	7.52	1439.00
0.0	6.04	6.56	1439.02
1.3	5.75	7.40	1438.85
0.2	6.05	6.44	1438.93
1.3	5.80	7.35	1438.99
2.3	5.42	8.59	1438.95
3.6	4.91	10.02	1438.58
5.1	2.32	18.61	1438.11
6.3	0.29	21.55	1432.61
7.6	0.33	23.16	1434.99
8.7	-0.88	24.39	1430.88
10.0	-1.01	25.91	1432.32
12.4	-1.00	27.76	1434.94
14.5	-1.19	28.77	1435.42
16.7	-1.24	29.56	1436.27
19.0	-1.26	29.86	1436.60
21.4	-1.33	30.29	1436.90
23.6	-1.30	30.58	1437.46
25.9	-1.41	30.72	1437.16
28.1	-1.40	30.79	1437.35
30.5	-1.44	30.89	1437.30
32.8	-1.48	30.94	1437.25
35.0	-1.49	30.98	1437.30
37.3	-1.43	31.02	1437.64
39.4	-1.50	31.04	1437.40
41.6	-1.51	31.11	1437.44
43.9	-1.55	31.19	1437.43
46.2	-1.55	31.35	1437.65
48.4	-1.55	31.48	1437.88
50.5	-1.53	31.62	1438.22
52.6	-1.50	31.75	1438.54
54.7	-1.48	31.84	1438.82
57.0	-1.50	31.93	1438.86
59.1	-1.51	32.01	1438.95
61.4	-1.58	32.06	1438.74
63.5	-1.53	32.10	1439.05
65.9	-1.58	32.18	1438.95
68.1	-1.57	32.19	1439.05
70.2	-1.53	32.22	1439.32
72.3	-1.51	32.27	1439.51
74.4	-1.51	32.31	1439.64
76.6	-1.50	32.36	1439.78
78.7	-1.50	32.39	1439.84
80.8	-1.51	32.41	1439.87
83.1	-1.49	32.45	1440.02
85.4	-1.50	32.48	1440.06
87.5	-1.50	32.51	1440.15
89.7	-1.48	32.54	1440.29
92.0	-1.49	32.58	1440.34
94.1	-1.49	32.61	1440.43
96.3	-1.49	32.65	1440.50
98.5	-1.50	32.67	1440.54
100.6	-1.50	32.69	1440.61
102.7	-1.50	32.71	1440.66
104.8	-1.50	32.74	1440.75
107.0	-1.50	32.77	1440.79
109.1	-1.50	32.78	1440.83
111.2	-1.51	32.81	1440.89
113.4	-1.52	32.86	1440.94
115.5	-1.52	32.88	1441.00
117.7	-1.53	32.93	1441.05
120.0	-1.53	32.98	1441.15
122.1	-1.54	33.02	1441.20
124.4	-1.54	33.05	1441.25
126.5	-1.55	33.06	1441.27
128.8	-1.56	33.10	1441.30
130.9	-1.56	33.12	1441.37
133.1	-1.57	33.18	1441.45
135.4	-1.59	33.22	1441.47
137.5	-1.56	33.26	1441.65

MIZPAC 85  
DATE: 85/08/22  
LAT: 70 13.9 N

CAST# 14 DOWN  
TIME: 18:10:09  
LON: 140 04.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.3	2.96	15.88	1437.41
0.0	3.04	15.85	1437.67
1.1	2.76	17.66	1438.80
2.2	1.17	20.77	1435.65
1.0	2.01	17.59	1435.32
2.1	1.18	20.95	1435.91
0.8	1.48	18.54	1434.10
2.0	1.91	16.94	1434.00
0.9	2.15	18.39	1436.98
1.9	1.15	21.41	1436.36
0.3	2.93	13.98	1434.76
1.8	1.90	19.95	1437.90
0.7	1.74	17.41	1433.80
2.0	1.17	20.65	1435.46
3.1	2.21	18.56	1437.51
4.3	1.25	20.66	1435.91
5.5	0.40	22.49	1434.34
6.8	0.07	23.80	1434.59
7.9	0.02	24.97	1435.93
9.0	-0.47	25.71	1434.63
10.4	-0.67	27.09	1435.53
12.7	-1.07	28.50	1435.55
15.1	-1.09	29.69	1437.11
17.1	-1.08	30.15	1437.84
19.2	-1.11	30.41	1438.06
21.7	-1.22	30.55	1437.75
23.8	-1.21	30.63	1437.96
26.0	-1.25	30.68	1437.84
28.4	-1.30	30.72	1437.71
30.5	-1.37	30.78	1437.48
32.8	-1.39	30.83	1437.52
34.9	-1.46	30.90	1437.28
37.2	-1.50	30.99	1437.23
39.3	-1.50	31.09	1437.45
41.4	-1.51	31.19	1437.53
43.5	-1.49	31.40	1437.94
45.7	-1.49	31.55	1438.20
47.9	-1.48	31.68	1438.44
50.1	-1.48	31.80	1438.65
52.3	-1.48	31.91	1438.84
54.6	-1.49	32.02	1438.99
56.7	-1.49	32.08	1439.08
58.8	-1.50	32.15	1439.19
61.0	-1.48	32.20	1439.35
63.1	-1.50	32.23	1439.38
65.3	-1.52	32.27	1439.37
67.6	-1.51	32.31	1439.49
69.9	-1.52	32.33	1439.51
72.4	-1.51	32.36	1439.62
74.5	-1.51	32.37	1439.67
76.7	-1.51	32.38	1439.74
78.8	-1.51	32.40	1439.78
80.9	-1.51	32.42	1439.82
83.1	-1.51	32.44	1439.89
85.2	-1.50	32.46	1440.00
87.6	-1.50	32.47	1440.06
89.7	-1.50	32.49	1440.11
91.8	-1.51	32.52	1440.16
93.9	-1.51	32.54	1440.23
96.0	-1.51	32.57	1440.28
98.1	-1.52	32.59	1440.32
100.2	-1.51	32.61	1440.39
102.3	-1.52	32.63	1440.43
104.6	-1.51	32.65	1440.52
106.7	-1.52	32.66	1440.55
108.8	-1.51	32.67	1440.64
110.9	-1.53	32.70	1440.61
113.3	-1.50	32.72	1440.80
115.4	-1.54	32.75	1440.72
117.7	-1.52	32.77	1440.85
119.8	-1.52	32.78	1440.90
121.9	-1.51	32.80	1441.02
124.2	-1.52	32.82	1441.03
126.4	-1.50	32.85	1441.22
128.6	-1.49	32.87	1441.31
130.7	-1.50	32.89	1441.35
133.0	-1.50	32.91	1441.40
135.2	-1.51	32.94	1441.44
137.4	-1.52	32.96	1441.42
139.5	-1.53	32.98	1441.44
141.7	-1.54	33.00	1441.45
143.8	-1.55	33.02	1441.47
146.0	-1.55	33.04	1441.55
148.3	-1.56	33.07	1441.60
150.4	-1.56	33.09	1441.62

MIZPAC 85  
DATE: 85/08/22  
LAT: 70 37.7 N

CAST# 15 DOWN  
TIME: 21:01:20  
LON: 139 56.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	3.17	7.26	1427.16	216.1	-0.61	34.38	1448.91
1.4	3.37	7.37	1428.25	221.3	-0.55	34.43	1449.33
2.5	3.75	7.48	1430.11	226.4	-0.47	34.48	1449.84
3.7	3.95	8.11	1431.87	231.6	-0.42	34.52	1450.23
4.8	2.47	17.36	1437.17	236.9	-0.38	34.55	1450.56
6.0	1.34	19.55	1434.86	242.2	-0.35	34.56	1450.79
7.2	1.48	21.90	1438.63	247.5	-0.30	34.59	1451.13
8.3	0.97	23.90	1438.94	252.7	-0.27	34.60	1451.39
9.6	0.19	25.22	1437.06	257.8	-0.24	34.62	1451.63
11.8	-0.41	26.69	1436.26	263.0	-0.20	34.64	1451.90
13.9	-0.61	27.45	1436.35	268.3	-0.17	34.65	1452.14
16.0	-1.06	27.89	1434.84	273.4	-0.15	34.66	1452.36
18.1	-1.05	28.56	1435.83	278.6	-0.12	34.67	1452.60
20.3	-1.11	29.40	1436.70	284.2	-0.08	34.69	1452.86
22.5	-1.10	29.94	1437.53	289.4	-0.05	34.70	1453.12
24.8	-1.08	30.36	1438.20	294.6	-0.02	34.71	1453.35
27.0	-1.27	30.53	1437.57	299.8	0.01	34.72	1453.57
29.2	-1.22	30.66	1438.01	310.0	0.05	34.73	1453.96
31.4	-1.26	30.69	1437.91	320.2	0.09	34.75	1454.35
33.6	-1.33	30.75	1437.69	330.7	0.14	34.76	1454.74
35.9	-1.38	30.81	1437.57	341.1	0.18	34.77	1455.10
38.1	-1.44	30.86	1437.37	351.5	0.22	34.79	1455.49
40.2	-1.44	30.90	1437.45	361.7	0.25	34.79	1455.81
42.4	-1.47	30.97	1437.43	372.0	0.28	34.81	1456.13
44.6	-1.50	31.09	1437.51	382.4	0.31	34.81	1456.45
46.8	-1.44	31.21	1437.99	392.9	0.34	34.82	1456.75
49.0	-1.43	31.32	1438.22	403.4	0.36	34.83	1457.05
51.3	-1.53	31.47	1438.02	413.8	0.38	34.84	1457.30
53.5	-1.49	31.65	1438.49	423.9	0.39	34.85	1457.54
55.9	-1.47	31.79	1438.79	434.0	0.40	34.85	1457.75
58.1	-1.49	31.93	1438.93	444.2	0.41	34.85	1457.97
60.2	-1.49	32.00	1439.06	454.5	0.42	34.86	1458.20
62.3	-1.50	32.06	1439.11	464.9	0.43	34.87	1458.40
64.4	-1.49	32.12	1439.27	475.4	0.44	34.87	1458.61
66.6	-1.50	32.17	1439.33	485.9	0.45	34.88	1458.83
68.9	-1.51	32.21	1439.39	496.5	0.45	34.88	1459.03
71.2	-1.50	32.26	1439.53	506.9	0.46	34.88	1459.23
73.5	-1.50	32.29	1439.57	517.3	0.46	34.88	1459.42
75.6	-1.51	32.31	1439.63	527.6	0.46	34.89	1459.61
77.7	-1.50	32.36	1439.77	537.8	0.46	34.89	1459.79
79.8	-1.50	32.39	1439.85	548.4	0.47	34.89	1459.98
81.9	-1.49	32.41	1439.93	559.0	0.47	34.90	1460.17
84.1	-1.49	32.44	1440.01	569.1	0.47	34.90	1460.36
86.2	-1.49	32.47	1440.10	579.6	0.47	34.90	1460.52
88.3	-1.49	32.49	1440.16	589.7	0.47	34.90	1460.68
90.4	-1.49	32.51	1440.22	599.9	0.47	34.91	1460.84
92.6	-1.49	32.54	1440.30	610.1	0.46	34.91	1460.98
94.7	-1.50	32.56	1440.30	620.4	0.45	34.91	1461.11
96.8	-1.50	32.59	1440.38	630.6	0.44	34.91	1461.25
99.0	-1.48	32.61	1440.53	641.0	0.44	34.91	1461.40
101.3	-1.49	32.64	1440.55	651.4	0.43	34.91	1461.53
103.4	-1.47	32.68	1440.74	662.0	0.42	34.92	1461.67
105.5	-1.49	32.71	1440.73	672.4	0.41	34.92	1461.77
107.9	-1.51	32.74	1440.71	682.7	0.40	34.92	1461.91
110.0	-1.49	32.76	1440.87	693.1	0.39	34.92	1462.03
112.2	-1.49	32.78	1440.92	703.3	0.37	34.92	1462.14
114.5	-1.51	32.81	1440.91	713.6	0.37	34.92	1462.28
116.7	-1.52	32.83	1440.94	724.0	0.35	34.92	1462.38
119.0	-1.51	32.85	1441.05	734.3	0.34	34.92	1462.49
121.2	-1.53	32.87	1441.00	744.6	0.33	34.92	1462.64
123.3	-1.53	32.89	1441.05	755.0	0.32	34.92	1462.74
125.4	-1.55	32.91	1441.03	765.3	0.30	34.92	1462.85
127.5	-1.55	32.93	1441.12	775.6	0.29	34.92	1462.96
129.7	-1.55	32.96	1441.18	785.9	0.28	34.93	1463.07
131.9	-1.54	32.99	1441.30	796.3	0.26	34.93	1463.18
134.0	-1.54	33.03	1441.36	806.5	0.24	34.93	1463.26
136.1	-1.56	33.05	1441.34	816.8	0.23	34.93	1463.36
138.2	-1.57	33.07	1441.38	827.2	0.22	34.93	1463.50
140.4	-1.57	33.09	1441.43	837.3	0.20	34.93	1463.56
142.5	-1.57	33.11	1441.48	847.5	0.18	34.93	1463.66
144.6	-1.55	33.13	1441.62	857.6	0.17	34.93	1463.77
146.7	-1.57	33.15	1441.60	867.8	0.16	34.93	1463.90
148.8	-1.57	33.18	1441.69	877.9	0.14	34.93	1463.98
153.9	-1.56	33.26	1441.90	888.0	0.13	34.93	1464.10
159.0	-1.54	33.32	1442.17	898.1	0.11	34.93	1464.19
164.1	-1.52	33.39	1442.42	908.2	0.10	34.93	1464.29
169.4	-1.49	33.47	1442.80	918.3	0.09	34.93	1464.42
174.7	-1.44	33.55	1443.22	928.4	0.08	34.94	1464.55
179.8	-1.30	33.72	1444.20	938.5	0.07	34.94	1464.66
184.9	-1.22	33.80	1444.75	948.6	0.05	34.94	1464.76
190.0	-1.12	33.92	1445.50	958.7	0.04	34.94	1464.88
195.3	-1.00	34.03	1446.28	969.2	0.03	34.94	1465.00
200.6	-0.92	34.11	1446.84				
205.7	-0.81	34.20	1447.58				
210.9	-0.68	34.31	1448.39				

MIZPAC 85  
 DATE: 85/08/23  
 LAT: 71 01.9 N

CAST# 16 DOWN  
 TIME: 02:39:42  
 LON: 140 00.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.74	15.09	1418.91	211.1	-0.73	34.30	1448.17
1.1	-0.79	15.56	1419.31	216.4	-0.67	34.35	1448.59
2.3	-0.80	15.68	1419.48	221.6	-0.57	34.42	1449.24
3.4	-0.81	16.23	1420.15	226.7	-0.50	34.46	1449.71
4.4	-0.99	20.28	1424.73	231.9	-0.45	34.50	1450.08
5.5	-1.13	24.30	1429.50	237.1	-0.41	34.53	1450.40
6.6	-1.23	25.94	1431.23	242.2	-0.35	34.57	1450.77
7.7	-1.11	27.06	1433.33	247.3	-0.32	34.59	1451.04
8.8	-1.38	27.53	1432.71	252.4	-0.27	34.61	1451.41
10.0	-1.38	27.75	1433.02	257.6	-0.23	34.63	1451.69
12.1	-1.38	27.83	1433.19	262.9	-0.20	34.65	1451.94
14.3	-1.37	27.91	1433.33	268.1	-0.15	34.67	1452.28
16.4	-1.32	27.99	1433.72	273.4	-0.11	34.68	1452.57
18.7	-1.25	28.38	1434.63	278.7	-0.08	34.69	1452.82
21.0	-1.14	29.02	1436.04	283.8	-0.04	34.71	1453.10
23.2	-1.03	29.85	1437.73	289.1	0.00	34.72	1453.36
25.5	-1.02	30.38	1438.54	294.2	0.03	34.73	1453.59
27.6	-1.03	30.56	1438.76	299.3	0.06	34.74	1453.84
29.7	-1.15	30.67	1438.39	309.5	0.12	34.76	1454.29
31.9	-1.18	30.76	1438.38	319.6	0.17	34.77	1454.70
34.0	-1.18	30.84	1438.51	329.9	0.22	34.79	1455.16
36.1	-1.17	30.92	1438.74	340.2	0.26	34.81	1455.53
38.3	-1.23	31.00	1438.58	350.5	0.30	34.82	1455.87
40.5	-1.47	31.12	1437.66	360.7	0.33	34.83	1456.19
42.6	-1.50	31.25	1437.72	371.0	0.35	34.83	1456.48
44.8	-1.49	31.34	1437.88	381.4	0.37	34.84	1456.73
46.9	-1.50	31.46	1438.08	391.6	0.39	34.85	1456.99
49.1	-1.39	31.55	1438.73	401.9	0.40	34.84	1457.19
51.2	-1.34	31.66	1439.17	412.2	0.41	34.85	1457.43
53.5	-1.35	31.74	1439.23	422.7	0.42	34.85	1457.66
55.7	-1.48	31.85	1438.82	432.8	0.43	34.86	1457.87
57.9	-1.40	31.97	1439.37	443.0	0.44	34.86	1458.08
60.1	-1.42	32.00	1439.38	453.2	0.44	34.87	1458.27
62.2	-1.41	32.08	1439.56	463.4	0.44	34.87	1458.45
64.4	-1.50	32.15	1439.28	473.7	0.45	34.88	1458.66
66.5	-1.50	32.21	1439.36	484.2	0.46	34.88	1458.85
68.7	-1.51	32.26	1439.44	494.8	0.46	34.88	1459.04
70.8	-1.50	32.32	1439.61	505.0	0.46	34.88	1459.24
73.1	-1.49	32.35	1439.71	515.2	0.46	34.89	1459.41
75.3	-1.50	32.40	1439.80	525.5	0.47	34.89	1459.60
77.5	-1.50	32.44	1439.89	535.9	0.47	34.89	1459.77
79.6	-1.48	32.48	1440.04	546.4	0.47	34.89	1459.95
81.7	-1.49	32.51	1440.08	556.9	0.47	34.90	1460.12
84.0	-1.48	32.54	1440.19	567.0	0.46	34.90	1460.26
86.2	-1.48	32.57	1440.27	577.6	0.45	34.90	1460.41
88.3	-1.48	32.59	1440.36	588.0	0.45	34.90	1460.55
90.6	-1.48	32.62	1440.43	598.5	0.44	34.90	1460.69
92.7	-1.47	32.65	1440.54	609.1	0.43	34.90	1460.84
94.9	-1.47	32.67	1440.61	619.7	0.42	34.90	1460.96
97.1	-1.47	32.71	1440.69	629.9	0.41	34.91	1461.08
99.2	-1.47	32.73	1440.73	640.1	0.40	34.91	1461.21
101.3	-1.49	32.76	1440.72	650.4	0.39	34.91	1461.33
103.5	-1.47	32.79	1440.88	660.8	0.38	34.91	1461.47
105.7	-1.51	32.81	1440.78	671.3	0.37	34.91	1461.60
108.0	-1.54	32.85	1440.74	681.9	0.36	34.91	1461.73
110.2	-1.50	32.87	1441.00	692.1	0.35	34.91	1461.85
112.5	-1.51	32.89	1440.97	702.6	0.34	34.91	1461.98
114.6	-1.53	32.92	1440.98	712.7	0.33	34.91	1462.09
116.8	-1.51	32.93	1441.11	723.0	0.32	34.91	1462.22
119.0	-1.52	32.97	1441.14	733.3	0.31	34.91	1462.35
121.1	-1.54	32.99	1441.10	743.6	0.30	34.91	1462.46
123.3	-1.54	33.02	1441.17	754.1	0.29	34.92	1462.59
125.4	-1.54	33.04	1441.25	764.6	0.28	34.92	1462.72
127.4	-1.55	33.06	1441.25	775.1	0.27	34.92	1462.85
129.5	-1.56	33.08	1441.29	785.6	0.26	34.92	1462.97
131.7	-1.56	33.10	1441.33	796.1	0.25	34.92	1463.10
133.8	-1.57	33.12	1441.37	806.8	0.24	34.92	1463.22
136.0	-1.57	33.15	1441.43	817.3	0.22	34.92	1463.34
138.1	-1.57	33.16	1441.48	827.8	0.22	34.92	1463.48
140.3	-1.57	33.18	1441.55	838.3	0.21	34.92	1463.61
142.4	-1.57	33.21	1441.61	848.5	0.20	34.92	1463.74
144.7	-1.57	33.23	1441.70	858.9	0.19	34.92	1463.86
146.8	-1.57	33.24	1441.75	869.2	0.17	34.92	1463.98
149.0	-1.56	33.27	1441.82	879.6	0.16	34.92	1464.09
154.1	-1.55	33.33	1442.08	890.0	0.15	34.92	1464.21
159.3	-1.52	33.38	1442.34	900.3	0.14	34.92	1464.33
164.5	-1.48	33.46	1442.73	910.6	0.13	34.92	1464.45
169.7	-1.43	33.56	1443.19	920.9	0.12	34.92	1464.57
174.8	-1.40	33.62	1443.51	931.2	0.10	34.92	1464.69
179.9	-1.32	33.72	1444.10	941.6	0.09	34.92	1464.81
185.0	-1.25	33.79	1444.62	951.9	0.08	34.92	1464.94
190.2	-1.16	33.90	1445.29	962.3	0.07	34.93	1465.07
195.5	-1.07	34.00	1445.93	972.6	0.06	34.93	1465.20
200.7	-0.93	34.12	1446.80	982.7	0.05	34.92	1465.31
205.9	-0.82	34.22	1447.53	992.9	0.04	34.93	1465.44



MIZPAC 85  
 DATE: 85/08/23  
 LAT: 71 17.0 N

CAST# 17 DOWN  
 TIME: 17:23:02  
 LON: 140 12.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.08	27.36	1433.81	222.4	-0.69	34.31	1448.57
1.1	-1.45	27.93	1432.81	227.6	-0.60	34.38	1449.13
2.3	-1.45	27.94	1432.82	232.8	-0.55	34.42	1449.54
3.5	-1.46	27.95	1432.82	238.0	-0.48	34.47	1450.00
4.6	-1.46	27.95	1432.85	243.2	-0.43	34.51	1450.38
5.7	-1.46	27.95	1432.85	248.5	-0.40	34.53	1450.63
6.9	-1.46	27.96	1432.88	253.6	-0.35	34.56	1450.95
8.2	-1.46	27.96	1432.91	258.7	-0.30	34.58	1451.31
9.4	-1.45	27.97	1432.95	263.8	-0.26	34.61	1451.64
11.6	-1.39	28.03	1433.39	269.0	-0.23	34.63	1451.88
13.9	-1.36	28.29	1433.91	274.2	-0.17	34.65	1452.24
16.1	-1.09	29.35	1436.68	279.4	-0.14	34.66	1452.51
18.4	-1.05	29.71	1437.38	284.7	-0.11	34.67	1452.73
20.6	-1.04	30.13	1438.01	289.8	-0.08	34.68	1452.99
22.8	-1.05	30.35	1438.31	294.9	-0.04	34.70	1453.28
25.1	-1.10	30.55	1438.37				
27.3	-1.10	30.65	1438.57				
29.6	-1.17	30.70	1438.34				
31.8	-1.23	30.75	1438.14				
33.9	-1.33	30.82	1437.81				
36.3	-1.38	30.94	1437.77				
38.6	-1.24	30.99	1438.51				
40.9	-1.44	31.05	1437.68				
43.1	-1.40	31.23	1438.17				
45.5	-1.48	31.41	1438.09				
47.8	-1.48	31.57	1438.29				
50.0	-1.51	31.66	1438.32				
52.4	-1.47	31.77	1438.72				
54.7	-1.43	31.89	1439.10				
57.0	-1.44	31.97	1439.20				
59.3	-1.43	32.04	1439.39				
61.6	-1.44	32.10	1439.45				
63.7	-1.46	32.17	1439.49				
65.7	-1.48	32.22	1439.47				
68.0	-1.50	32.29	1439.49				
70.1	-1.49	32.34	1439.67				
72.3	-1.47	32.37	1439.82				
74.6	-1.43	32.39	1440.11				
77.0	-1.43	32.40	1440.16				
79.3	-1.45	32.42	1440.13				
81.4	-1.44	32.45	1440.22				
83.6	-1.45	32.50	1440.29				
85.7	-1.45	32.53	1440.36				
87.8	-1.46	32.56	1440.40				
90.2	-1.46	32.61	1440.48				
92.4	-1.46	32.63	1440.54				
94.5	-1.46	32.66	1440.62				
96.7	-1.47	32.69	1440.65				
98.9	-1.48	32.70	1440.67				
101.1	-1.48	32.72	1440.73				
103.3	-1.49	32.76	1440.76				
105.5	-1.49	32.78	1440.83				
107.8	-1.49	32.80	1440.87				
110.0	-1.50	32.82	1440.93				
112.2	-1.50	32.83	1440.98				
114.4	-1.50	32.86	1441.02				
116.6	-1.51	32.88	1441.07				
118.9	-1.51	32.90	1441.11				
121.0	-1.51	32.94	1441.17				
123.1	-1.52	32.96	1441.21				
125.4	-1.52	32.98	1441.27				
127.6	-1.52	33.00	1441.33				
129.8	-1.53	33.02	1441.36				
132.0	-1.54	33.04	1441.39				
134.1	-1.54	33.06	1441.44				
136.4	-1.54	33.08	1441.52				
138.5	-1.53	33.11	1441.59				
140.8	-1.55	33.13	1441.61				
143.0	-1.56	33.15	1441.62				
145.1	-1.56	33.17	1441.68				
147.2	-1.56	33.20	1441.74				
149.4	-1.56	33.22	1441.79				
154.6	-1.55	33.26	1441.99				
159.9	-1.54	33.33	1442.23				
165.1	-1.53	33.39	1442.42				
170.3	-1.50	33.45	1442.72				
175.7	-1.46	33.52	1443.12				
180.8	-1.39	33.61	1443.63				
185.9	-1.32	33.70	1444.18				
191.1	-1.23	33.81	1444.82				
196.5	-1.11	33.94	1445.65				
201.6	-1.06	33.99	1446.06				
206.8	-0.98	34.06	1446.61				
212.0	-0.87	34.16	1447.34				
217.3	-0.76	34.25	1448.05				



MIZPAC 85                      CAST# 18 DOWN  
 DATE: 85/08/24                TIME: 04:37:08  
 LAT: 71 09.0 N                LON: 141 24.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.21	25.21	1430.29	220.8	-0.62	34.36	1448.93
1.2	-1.37	27.65	1432.79	225.9	-0.57	34.40	1449.31
2.4	-1.38	27.68	1432.83	231.0	-0.51	34.45	1449.71
3.6	-1.38	27.69	1432.87	236.2	-0.46	34.49	1450.10
4.8	-1.37	27.70	1432.92	241.4	-0.42	34.52	1450.43
5.9	-1.36	27.68	1432.97	246.7	-0.36	34.56	1450.82
7.1	-1.34	27.71	1433.14	251.8	-0.33	34.57	1451.08
8.2	-1.36	27.65	1432.95	256.9	-0.27	34.60	1451.44
9.4	-1.43	27.79	1432.83	262.0	-0.22	34.63	1451.78
11.7	-1.44	27.85	1432.91	267.1	-0.17	34.65	1452.16
14.0	-1.43	27.90	1433.05	272.2	-0.14	34.66	1452.40
16.3	-1.41	28.06	1433.42	277.3	-0.10	34.68	1452.69
18.6	-1.28	28.81	1435.06	282.4	-0.05	34.69	1453.02
20.9	-1.03	29.94	1437.84	287.7	-0.02	34.71	1453.26
23.1	-1.04	30.28	1438.26	292.9	0.03	34.72	1453.57
25.2	-1.21	30.45	1437.74	298.0	0.07	34.73	1453.86
27.3	-1.16	30.56	1438.16	308.4	0.14	34.75	1454.37
29.4	-1.22	30.64	1438.03	318.5	0.19	34.77	1454.80
31.7	-1.25	30.71	1437.98	328.9	0.24	34.79	1455.23
33.8	-1.36	30.75	1437.54	339.4	0.29	34.80	1455.62
35.9	-1.40	30.79	1437.46	349.9	0.32	34.81	1455.95
38.2	-1.44	30.84	1437.36	360.4	0.35	34.82	1456.26
40.3	-1.47	30.93	1437.37	370.5	0.37	34.83	1456.53
42.7	-1.49	31.13	1437.59	380.6	0.38	34.83	1456.74
45.1	-1.49	31.33	1437.90	390.7	0.39	34.84	1456.98
47.5	-1.43	31.56	1438.54	400.8	0.40	34.84	1457.19
49.8	-1.39	31.70	1438.95	410.9	0.43	34.85	1457.49
51.9	-1.42	31.81	1438.98	421.1	0.44	34.86	1457.75
54.0	-1.47	31.89	1438.89	431.3	0.45	34.86	1457.95
56.2	-1.43	31.98	1439.23	441.6	0.46	34.87	1458.15
58.3	-1.46	32.05	1439.22	451.8	0.46	34.87	1458.36
60.7	-1.45	32.11	1439.41	462.2	0.47	34.87	1458.56
62.8	-1.45	32.14	1439.48	472.7	0.47	34.88	1458.76
65.2	-1.49	32.18	1439.37	483.2	0.48	34.88	1458.94
67.3	-1.49	32.22	1439.46	493.3	0.47	34.88	1459.10
69.4	-1.50	32.26	1439.49	503.8	0.47	34.88	1459.26
71.8	-1.50	32.31	1439.63	513.9	0.47	34.89	1459.44
73.9	-1.50	32.34	1439.70	524.1	0.47	34.89	1459.60
76.0	-1.50	32.36	1439.76	534.5	0.47	34.89	1459.77
78.1	-1.50	32.38	1439.80	544.8	0.47	34.90	1459.93
80.2	-1.53	32.40	1439.74	555.3	0.46	34.90	1460.07
82.4	-1.51	32.42	1439.87	565.8	0.46	34.90	1460.26
84.7	-1.51	32.46	1439.98	576.2	0.46	34.90	1460.42
86.8	-1.51	32.49	1440.04	586.5	0.45	34.90	1460.55
88.9	-1.52	32.50	1440.05	597.0	0.45	34.90	1460.70
91.0	-1.51	32.52	1440.14	607.1	0.44	34.90	1460.83
93.1	-1.51	32.54	1440.23	617.2	0.43	34.90	1460.96
95.5	-1.51	32.58	1440.32	627.4	0.42	34.91	1461.10
97.9	-1.46	32.60	1440.64	637.7	0.41	34.91	1461.22
100.0	-1.48	32.63	1440.61	648.0	0.40	34.91	1461.34
102.1	-1.45	32.66	1440.80	658.5	0.39	34.91	1461.47
104.2	-1.46	32.68	1440.85	669.1	0.38	34.91	1461.58
106.6	-1.48	32.71	1440.79	679.3	0.37	34.91	1461.72
108.7	-1.49	32.74	1440.83	689.6	0.35	34.91	1461.80
110.8	-1.53	32.75	1440.68				
112.9	-1.54	32.78	1440.73				
115.2	-1.54	32.81	1440.79				
117.5	-1.54	32.82	1440.84				
119.8	-1.53	32.85	1440.95				
122.2	-1.53	32.87	1441.02				
124.3	-1.55	32.88	1441.01				
126.4	-1.55	32.92	1441.06				
128.8	-1.56	32.94	1441.08				
130.9	-1.55	32.96	1441.18				
133.3	-1.56	32.98	1441.22				
135.4	-1.57	33.01	1441.26				
137.5	-1.57	33.04	1441.31				
139.6	-1.56	33.06	1441.41				
142.0	-1.56	33.10	1441.51				
144.1	-1.57	33.12	1441.53				
146.2	-1.57	33.15	1441.60				
148.3	-1.57	33.16	1441.65				
153.5	-1.57	33.22	1441.85				
158.6	-1.56	33.28	1442.04				
163.8	-1.53	33.37	1442.35				
168.9	-1.49	33.45	1442.74				
174.1	-1.46	33.52	1443.09				
179.2	-1.37	33.64	1443.77				
184.5	-1.30	33.71	1444.29				
189.9	-1.22	33.81	1444.84				
195.0	-1.14	33.90	1445.43				
200.2	-0.98	34.03	1446.44				
205.3	-0.88	34.12	1447.16				
210.4	-0.76	34.24	1447.93				
215.5	-0.69	34.30	1448.41				

MIZPAC 85  
 DATE: 85/08/24  
 LAT: 71 01.2 N

CAST# 19 DOWN  
 TIME: 12:41:34  
 LON: 142 36.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.39	27.10	1431.91	216.7	-0.59	34.38	1449.00
1.1	-1.40	27.07	1431.88	221.8	-0.53	34.43	1449.44
2.3	-1.40	27.03	1431.84	227.1	-0.49	34.47	1449.80
3.4	-1.39	27.26	1432.21	232.2	-0.44	34.50	1450.14
4.6	-1.38	27.31	1432.33	237.5	-0.40	34.53	1450.46
5.9	-1.37	27.40	1432.54	242.6	-0.35	34.56	1450.78
7.1	-1.35	27.47	1432.75	247.9	-0.31	34.58	1451.12
8.2	-1.35	27.37	1432.63	253.0	-0.26	34.60	1451.42
9.3	-1.37	27.27	1432.40	258.3	-0.23	34.62	1451.70
11.4	-1.29	28.06	1433.90	263.5	-0.17	34.65	1452.06
13.6	-1.16	28.64	1435.34	268.7	-0.14	34.66	1452.33
15.6	-1.06	29.35	1436.80	274.0	-0.11	34.67	1452.58
17.8	-1.09	29.63	1437.07	279.1	-0.07	34.69	1452.86
20.0	-1.15	29.81	1437.08	284.2	-0.04	34.70	1453.08
22.3	-1.16	29.89	1437.15	289.4	0.00	34.71	1453.36
24.4	-1.18	30.01	1437.25	294.5	0.02	34.72	1453.55
26.7	-1.23	30.12	1437.22				
29.0	-1.25	30.18	1437.24				
31.1	-1.27	30.28	1437.29				
33.3	-1.27	30.36	1437.44				
35.5	-1.26	30.52	1437.76				
37.8	-1.34	30.69	1437.63				
40.0	-1.44	30.83	1437.38				
42.1	-1.47	30.97	1437.48				
44.2	-1.47	31.20	1437.79				
46.4	-1.48	31.34	1438.00				
48.6	-1.48	31.57	1438.35				
50.8	-1.46	31.77	1438.75				
53.0	-1.46	31.88	1438.91				
55.2	-1.45	31.96	1439.09				
57.5	-1.46	32.06	1439.22				
59.6	-1.49	32.10	1439.17				
61.7	-1.47	32.15	1439.39				
63.8	-1.50	32.17	1439.31				
66.1	-1.52	32.21	1439.25				
68.3	-1.61	32.21	1438.89				
70.4	-1.48	32.24	1439.57				
72.7	-1.50	32.28	1439.60				
74.9	-1.49	32.32	1439.71				
77.1	-1.49	32.33	1439.78				
79.3	-1.49	32.35	1439.86				
81.6	-1.49	32.37	1439.90				
83.8	-1.49	32.39	1439.95				
86.0	-1.49	32.40	1439.99				
88.2	-1.49	32.43	1440.10				
90.3	-1.48	32.44	1440.18				
92.4	-1.49	32.46	1440.18				
94.5	-1.52	32.49	1440.13				
96.7	-1.52	32.50	1440.17				
98.9	-1.51	32.51	1440.25				
101.1	-1.51	32.53	1440.33				
103.3	-1.51	32.55	1440.39				
105.5	-1.52	32.57	1440.40				
107.7	-1.51	32.58	1440.48				
109.9	-1.52	32.60	1440.54				
112.1	-1.52	32.62	1440.57				
114.3	-1.51	32.65	1440.68				
116.5	-1.52	32.66	1440.70				
118.7	-1.52	32.70	1440.78				
120.8	-1.52	32.72	1440.83				
122.9	-1.53	32.72	1440.84				
125.0	-1.53	32.75	1440.92				
127.2	-1.52	32.77	1441.00				
129.4	-1.52	32.78	1441.07				
131.6	-1.53	32.79	1441.08				
133.8	-1.52	32.83	1441.18				
136.0	-1.54	32.85	1441.17				
138.2	-1.55	32.87	1441.21				
140.4	-1.55	32.89	1441.25				
142.6	-1.56	32.91	1441.28				
144.7	-1.56	32.93	1441.34				
146.9	-1.56	32.96	1441.42				
149.1	-1.56	32.98	1441.46				
154.2	-1.57	33.11	1441.67				
159.4	-1.55	33.26	1442.06				
164.6	-1.51	33.40	1442.50				
169.8	-1.47	33.49	1442.91				
175.0	-1.41	33.58	1443.42				
180.2	-1.33	33.68	1444.01				
185.5	-1.18	33.86	1445.04				
190.7	-1.06	33.98	1445.86				
195.8	-0.98	34.09	1446.47				
201.0	-0.84	34.17	1447.32				
206.2	-0.73	34.26	1448.01				
211.6	-0.66	34.32	1448.53				

MIZPAC 85  
 DATE: 85/08/24  
 LAT: 70 54.8 N

CAST# 20 DOWN  
 TIME: 23:20:33  
 LON: 143 35.1

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	0.01	2.72	1406.08	221.6	-0.51	34.45	1449.58
1.1	-0.51	16.90	1422.52	226.9	-0.45	34.50	1450.00
2.2	-1.23	24.56	1429.32	232.2	-0.41	34.53	1450.32
3.4	-1.25	24.80	1429.58	237.3	-0.38	34.55	1450.57
4.7	-1.25	24.81	1429.60	242.6	-0.32	34.59	1450.97
5.8	-1.25	24.86	1429.67	247.8	-0.27	34.61	1451.33
7.0	-1.26	24.90	1429.74	252.9	-0.24	34.63	1451.58
8.2	-1.31	26.44	1431.58	258.0	-0.18	34.65	1451.94
9.4	-1.38	27.40	1432.56	263.3	-0.13	34.66	1452.28
11.6	-1.41	27.76	1432.93	268.7	-0.14	34.67	1452.34
13.8	-1.40	27.84	1433.11	273.8	-0.12	34.68	1452.55
16.0	-1.28	28.25	1434.30	278.9	-0.07	34.70	1452.89
18.2	-1.21	28.42	1434.87	284.2	0.01	34.72	1453.37
20.3	-1.17	28.59	1435.32	289.5	0.06	34.74	1453.69
22.6	-1.14	28.76	1435.75	294.6	0.08	34.74	1453.86
24.8	-1.15	29.32	1436.48	299.7	0.11	34.75	1454.09
27.0	-1.15	29.72	1437.08	309.8	0.16	34.76	1454.49
29.2	-1.15	30.02	1437.48	320.1	0.22	34.78	1454.96
31.4	-1.23	30.31	1437.56	330.4	0.26	34.80	1455.36
33.6	-1.30	30.43	1437.44	340.6	0.30	34.81	1455.70
35.7	-1.35	30.54	1437.37	351.0	0.32	34.81	1455.96
38.0	-1.40	30.66	1437.31	361.4	0.34	34.82	1456.25
40.2	-1.43	30.78	1437.36	371.5	0.36	34.83	1456.51
42.5	-1.46	30.96	1437.49	382.0	0.37	34.84	1456.74
44.7	-1.46	31.15	1437.78	392.2	0.38	34.84	1456.96
46.9	-1.39	31.33	1438.42	402.4	0.39	34.85	1457.19
49.2	-1.44	31.45	1438.37	412.6	0.40	34.85	1457.41
51.4	-1.40	31.59	1438.81	422.7	0.41	34.86	1457.64
53.7	-1.45	31.73	1438.79	433.2	0.42	34.86	1457.84
55.9	-1.42	31.84	1439.08	443.4	0.43	34.87	1458.06
58.1	-1.41	31.90	1439.26	453.9	0.44	34.87	1458.28
60.3	-1.44	31.99	1439.27	464.0	0.44	34.87	1458.46
62.5	-1.45	32.05	1439.36	474.3	0.44	34.88	1458.65
64.7	-1.47	32.11	1439.39	484.7	0.45	34.88	1458.83
66.9	-1.48	32.15	1439.41	495.1	0.45	34.88	1459.03
69.1	-1.49	32.19	1439.44	505.6	0.45	34.88	1459.20
71.3	-1.49	32.23	1439.53	516.1	0.46	34.89	1459.40
73.5	-1.50	32.26	1439.58	526.2	0.47	34.89	1459.62
75.7	-1.52	32.28	1439.54	536.5	0.47	34.90	1459.81
78.0	-1.52	32.31	1439.63	546.9	0.47	34.90	1459.99
80.2	-1.52	32.33	1439.68	557.3	0.47	34.90	1460.16
82.4	-1.51	32.35	1439.80	567.9	0.46	34.90	1460.30
84.6	-1.53	32.37	1439.77	578.1	0.45	34.90	1460.43
86.8	-1.52	32.41	1439.91	588.2	0.45	34.90	1460.57
89.1	-1.51	32.42	1440.01	598.3	0.43	34.91	1460.68
91.2	-1.51	32.46	1440.07	608.4	0.43	34.91	1460.82
93.4	-1.51	32.48	1440.13	618.6	0.42	34.91	1460.95
95.6	-1.51	32.51	1440.22	628.9	0.41	34.91	1461.08
97.8	-1.51	32.54	1440.27	639.0	0.40	34.91	1461.22
100.1	-1.51	32.56	1440.34	649.4	0.40	34.91	1461.36
102.3	-1.51	32.60	1440.43	659.6	0.38	34.91	1461.45
104.5	-1.51	32.63	1440.51	669.7	0.37	34.91	1461.58
106.7	-1.52	32.66	1440.57	679.8	0.36	34.92	1461.72
108.9	-1.52	32.69	1440.61	690.0	0.35	34.92	1461.81
111.2	-1.54	32.72	1440.63	700.2	0.33	34.92	1461.92
113.4	-1.54	32.75	1440.70	710.3	0.32	34.92	1462.05
115.6	-1.54	32.78	1440.77	720.4	0.31	34.92	1462.16
117.9	-1.54	32.81	1440.84	730.5	0.30	34.92	1462.26
120.1	-1.53	32.83	1440.93	740.7	0.28	34.92	1462.34
122.2	-1.54	32.87	1440.97	750.8	0.26	34.92	1462.44
124.4	-1.55	32.90	1441.03	760.9	0.25	34.92	1462.56
126.6	-1.55	32.92	1441.08	771.5	0.24	34.92	1462.66
128.9	-1.56	32.96	1441.14	782.0	0.22	34.92	1462.77
131.1	-1.56	32.99	1441.21	792.1	0.21	34.92	1462.89
133.3	-1.56	33.02	1441.25	802.2	0.20	34.92	1463.02
135.6	-1.57	33.05	1441.30	812.3	0.19	34.92	1463.12
137.7	-1.57	33.07	1441.36	822.8	0.18	34.93	1463.24
140.0	-1.58	33.09	1441.38	833.3	0.17	34.93	1463.38
142.2	-1.60	33.12	1441.39	843.6	0.16	34.93	1463.52
144.4	-1.59	33.15	1441.49	854.0	0.14	34.93	1463.61
146.6	-1.58	33.18	1441.62	864.3	0.13	34.93	1463.73
148.9	-1.57	33.21	1441.72	874.7	0.12	34.93	1463.86
151.1	-1.56	33.31	1442.01	885.1	0.12	34.93	1464.02
159.2	-1.54	33.38	1442.30				
164.6	-1.49	33.48	1442.73				
169.7	-1.43	33.58	1443.23				
174.9	-1.37	33.69	1443.78				
180.2	-1.25	33.78	1444.52				
185.4	-1.08	33.93	1445.64				
190.7	-0.99	34.05	1446.29				
195.8	-0.92	34.11	1446.79				
200.9	-0.79	34.21	1447.62				
206.1	-0.70	34.28	1448.21				
211.2	-0.64	34.35	1448.68				
216.3	-0.56	34.42	1449.24				

MIZPAC 85  
DATE: 85/08/25  
LAT: 71 08.8 N

CAST# 21 DOWN  
TIME: 18:29:10  
LON: 145 22.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.30	19.86	1422.60	220.5	-0.57	34.43	1449.26
1.1	-1.40	23.54	1427.08	225.6	-0.52	34.47	1449.60
2.2	-1.43	24.07	1427.69	230.9	-0.46	34.51	1450.01
3.3	-1.43	24.35	1428.05	236.0	-0.41	34.54	1450.37
4.6	-1.44	24.64	1428.43	241.2	-0.33	34.58	1450.90
5.7	-1.45	24.81	1428.67	246.3	-0.28	34.60	1451.23
7.0	-1.44	25.02	1428.98	251.5	-0.22	34.63	1451.61
8.3	-1.44	25.20	1429.25	256.8	-0.17	34.65	1451.97
9.4	-1.44	25.40	1429.53	261.9	-0.09	34.67	1452.45
11.7	-1.41	26.12	1430.69	267.0	-0.04	34.69	1452.79
13.9	-1.40	26.55	1431.37	272.1	0.00	34.70	1453.07
16.2	-1.34	27.29	1432.72	277.3	0.04	34.72	1453.35
18.4	-1.28	28.07	1434.08	282.4	0.07	34.73	1453.61
20.5	-1.24	28.66	1435.08	287.6	0.11	34.74	1453.87
22.8	-1.24	29.12	1435.74	292.7	0.13	34.75	1454.07
25.1	-1.25	29.52	1436.28	297.9	0.17	34.76	1454.35
27.4	-1.27	29.84	1436.67	308.2	0.22	34.78	1454.78
29.7	-1.33	30.08	1436.70	318.4	0.26	34.79	1455.16
32.0	-1.40	30.25	1436.64	328.8	0.31	34.80	1455.55
34.2	-1.42	30.37	1436.74	339.0	0.32	34.81	1455.79
36.5	-1.44	30.50	1436.87	349.1	0.35	34.82	1456.07
38.7	-1.46	30.60	1436.96	359.6	0.37	34.83	1456.37
40.9	-1.49	30.68	1436.95	369.9	0.38	34.83	1456.59
43.1	-1.51	30.82	1437.08	380.3	0.39	34.84	1456.83
45.4	-1.50	31.02	1437.45	390.7	0.40	34.85	1457.04
47.7	-1.50	31.25	1437.77	401.1	0.41	34.85	1457.26
49.9	-1.51	31.41	1437.98	411.4	0.42	34.85	1457.47
52.2	-1.52	31.64	1438.29	421.8	0.43	34.86	1457.68
54.4	-1.51	31.82	1438.60	432.1	0.43	34.86	1457.88
56.7	-1.49	31.91	1438.87	442.5	0.44	34.87	1458.08
59.0	-1.51	32.00	1438.94	452.9	0.44	34.87	1458.27
61.3	-1.52	32.08	1439.04	463.0	0.44	34.87	1458.45
63.5	-1.53	32.14	1439.10	473.1	0.45	34.88	1458.63
65.8	-1.55	32.26	1439.20	483.5	0.46	34.88	1458.86
68.0	-1.51	32.28	1439.45	494.0	0.46	34.88	1459.05
70.3	-1.57	32.27	1439.21	504.3	0.47	34.88	1459.25
72.4	-1.60	32.35	1439.19	514.5	0.46	34.89	1459.38
74.6	-1.60	32.35	1439.22	525.0	0.47	34.89	1459.59
76.9	-1.60	32.43	1439.36	535.2	0.46	34.89	1459.74
79.1	-1.61	32.47	1439.41	545.6	0.46	34.89	1459.89
81.3	-1.62	32.49	1439.44	555.8	0.45	34.89	1460.03
83.6	-1.61	32.55	1439.60	565.9	0.45	34.90	1460.18
85.8	-1.62	32.57	1439.62	576.1	0.44	34.90	1460.32
88.1	-1.63	32.62	1439.65	586.2	0.43	34.90	1460.46
90.3	-1.63	32.65	1439.72	596.4	0.43	34.90	1460.59
92.6	-1.64	32.67	1439.73	606.6	0.42	34.90	1460.73
94.8	-1.64	32.71	1439.83	617.0	0.41	34.90	1460.86
97.0	-1.64	32.73	1439.89	627.4	0.40	34.90	1461.00
99.1	-1.65	32.73	1439.91	637.8	0.39	34.90	1461.14
101.3	-1.65	32.78	1439.97	647.9	0.38	34.90	1461.26
103.4	-1.66	32.81	1440.00	658.1	0.37	34.90	1461.38
105.6	-1.65	32.83	1440.12	668.6	0.36	34.91	1461.49
107.7	-1.66	32.87	1440.19	679.1	0.35	34.91	1461.63
109.8	-1.65	32.88	1440.25	689.5	0.34	34.91	1461.74
111.9	-1.69	32.88	1440.11				
114.1	-1.69	32.93	1440.23				
116.2	-1.67	32.96	1440.40				
118.3	-1.67	32.99	1440.46				
120.5	-1.67	33.01	1440.53				
122.6	-1.67	33.04	1440.58				
124.7	-1.68	33.06	1440.61				
127.0	-1.69	33.10	1440.66				
129.2	-1.70	33.12	1440.68				
131.3	-1.70	33.16	1440.76				
133.5	-1.70	33.17	1440.81				
135.6	-1.70	33.20	1440.88				
137.8	-1.70	33.21	1440.91				
139.9	-1.70	33.24	1440.98				
142.0	-1.70	33.26	1441.08				
144.2	-1.70	33.29	1441.15				
146.3	-1.70	33.32	1441.24				
148.4	-1.70	33.36	1441.32				
153.5	-1.69	33.41	1441.49				
158.8	-1.69	33.48	1441.68				
163.9	-1.65	33.58	1442.08				
169.1	-1.61	33.68	1442.50				
174.3	-1.55	33.77	1443.00				
179.4	-1.46	33.83	1443.60				
184.5	-1.30	33.94	1444.56				
189.6	-1.19	34.03	1445.29				
194.7	-1.11	34.11	1445.88				
199.9	-1.09	34.13	1446.10				
205.1	-0.85	34.24	1447.44				
210.2	-0.74	34.30	1448.13				
215.4	-0.62	34.38	1448.87				



MIZPAC 85  
 DATE: 85/08/26  
 LAT: 71 08.1 N

CAST# 22 DOWN  
 TIME: 04:25:26  
 LON: 146 29.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.69	14.44	1418.29	228.2	-0.53	34.48	1449.63
1.3	-1.37	27.80	1433.02	233.5	-0.48	34.51	1450.00
2.5	-1.38	27.90	1433.13	238.9	-0.45	34.54	1450.24
3.7	-1.38	27.91	1433.12	244.2	-0.39	34.56	1450.63
4.9	-1.38	27.92	1433.17	249.6	-0.35	34.58	1450.95
6.1	-1.39	27.94	1433.19	254.7	-0.31	34.61	1451.23
7.3	-1.40	27.96	1433.18	260.0	-0.26	34.63	1451.60
8.5	-1.41	28.00	1433.19	265.2	-0.20	34.65	1451.96
9.7	-1.41	28.01	1433.23	270.6	-0.14	34.67	1452.36
12.1	-1.42	28.12	1433.39	275.8	-0.08	34.69	1452.74
14.5	-1.42	28.18	1433.47	280.9	-0.04	34.70	1453.05
16.8	-1.43	28.26	1433.61	286.0	0.01	34.71	1453.34
19.2	-1.31	28.66	1434.72	291.2	0.04	34.72	1453.61
21.5	-1.33	28.97	1435.09	296.4	0.08	34.73	1453.89
23.6	-1.34	29.03	1435.15	306.6	0.15	34.75	1454.38
26.0	-1.20	29.23	1436.12	316.9	0.22	34.77	1454.89
28.1	-1.16	29.63	1436.91	327.6	0.26	34.78	1455.28
30.3	-1.18	29.90	1437.22	338.3	0.29	34.79	1455.63
32.6	-1.21	30.19	1437.50	349.1	0.32	34.80	1455.93
34.8	-1.21	30.36	1437.76	359.2	0.34	34.81	1456.19
37.1	-1.27	30.55	1437.77	369.3	0.35	34.81	1456.44
39.3	-1.40	30.81	1437.52	379.4	0.36	34.83	1456.65
41.4	-1.40	31.14	1437.99	389.6	0.38	34.83	1456.91
43.8	-1.38	31.32	1438.38	399.8	0.40	34.85	1457.18
45.9	-1.41	31.53	1438.58	410.2	0.42	34.86	1457.45
48.2	-1.41	31.63	1438.71	420.7	0.43	34.86	1457.67
50.5	-1.42	31.77	1438.92	431.3	0.43	34.87	1457.87
52.6	-1.41	31.84	1439.11	441.8	0.44	34.87	1458.08
54.7	-1.40	31.88	1439.23	452.1	0.44	34.87	1458.27
57.0	-1.43	31.96	1439.25	462.4	0.45	34.88	1458.47
59.3	-1.43	32.00	1439.31	472.7	0.45	34.88	1458.66
61.5	-1.42	32.05	1439.47	483.2	0.46	34.88	1458.85
63.8	-1.43	32.08	1439.53	493.4	0.46	34.88	1459.03
66.0	-1.48	32.13	1439.34	503.5	0.46	34.88	1459.20
68.1	-1.50	32.17	1439.38	513.8	0.46	34.89	1459.37
70.5	-1.51	32.21	1439.38	524.2	0.46	34.89	1459.55
72.7	-1.52	32.23	1439.40	534.6	0.46	34.89	1459.72
74.9	-1.57	32.26	1439.26	545.0	0.46	34.89	1459.88
77.2	-1.53	32.29	1439.53	555.5	0.45	34.89	1460.03
79.5	-1.54	32.32	1439.55	566.0	0.44	34.90	1460.18
81.8	-1.52	32.34	1439.69	576.6	0.44	34.90	1460.32
83.9	-1.54	32.37	1439.70	587.2	0.43	34.90	1460.46
86.3	-1.53	32.38	1439.80	597.4	0.42	34.90	1460.59
88.4	-1.54	32.40	1439.82	607.5	0.41	34.90	1460.72
90.6	-1.52	32.42	1439.96	617.6	0.40	34.90	1460.84
92.8	-1.52	32.44	1440.05	627.8	0.39	34.90	1460.97
95.1	-1.51	32.47	1440.15	638.0	0.38	34.90	1461.10
97.3	-1.52	32.51	1440.16	648.1	0.37	34.90	1461.22
99.6	-1.55	32.55	1440.11	658.3	0.37	34.91	1461.35
101.9	-1.53	32.61	1440.35	668.4	0.35	34.91	1461.47
104.1	-1.57	32.62	1440.23	678.6	0.34	34.91	1461.55
106.3	-1.53	32.66	1440.49	688.8	0.32	34.91	1461.67
108.6	-1.53	32.69	1440.58				
110.8	-1.53	32.72	1440.63				
113.1	-1.53	32.73	1440.70				
115.2	-1.53	32.76	1440.78				
117.3	-1.54	32.78	1440.79				
119.7	-1.54	32.80	1440.84				
122.0	-1.56	32.83	1440.83				
124.3	-1.58	32.87	1440.84				
126.5	-1.57	32.90	1440.96				
128.8	-1.57	32.94	1441.05				
131.0	-1.58	32.97	1441.08				
133.3	-1.61	33.04	1441.09				
135.5	-1.58	33.06	1441.28				
137.7	-1.58	33.08	1441.33				
140.0	-1.61	33.12	1441.27				
142.2	-1.58	33.13	1441.49				
144.4	-1.58	33.16	1441.57				
146.6	-1.58	33.18	1441.60				
149.0	-1.57	33.22	1441.75				
154.2	-1.59	33.29	1441.83				
159.3	-1.53	33.36	1442.32				
164.8	-1.50	33.45	1442.66				
170.2	-1.52	33.55	1442.79				
175.3	-1.44	33.64	1443.36				
180.7	-1.40	33.71	1443.73				
186.1	-1.44	33.82	1443.77				
191.2	-1.37	33.92	1444.31				
196.3	-1.30	34.00	1444.84				
201.8	-1.16	34.19	1445.85				
207.0	-0.87	34.21	1447.36				
212.3	-0.71	34.32	1448.31				
217.8	-0.64	34.38	1448.81				
223.0	-0.59	34.43	1449.21				



MIZPAC 85  
DATE: 85/08/28  
LAT: 71 15.5 N

CAST# 23 DOWN  
TIME: 05:08:55  
LON: 149 06.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	0.13	2.76	1406.76	220.6	-0.82	34.31	1447.92
1.1	-0.20	12.63	1418.30	225.7	-0.71	34.34	1448.58
2.4	-1.35	28.25	1433.73	231.0	-0.64	34.42	1449.06
3.7	-1.41	29.03	1434.54	236.3	-0.57	34.45	1449.53
5.0	-1.41	29.15	1434.68	241.7	-0.53	34.48	1449.83
6.2	-1.42	29.15	1434.70	247.0	-0.48	34.51	1450.23
7.4	-1.41	29.15	1434.73	252.3	-0.44	34.56	1450.52
8.7	-1.42	29.16	1434.74	257.5	-0.38	34.59	1450.95
9.9	-1.42	29.17	1434.77	262.6	-0.29	34.64	1451.49
12.0	-1.42	29.18	1434.80	267.8	-0.21	34.65	1451.98
14.1	-1.42	29.18	1434.84				
16.2	-1.41	29.20	1434.92				
18.3	-1.42	29.22	1434.98				
20.5	-1.42	29.23	1435.02				
22.7	-1.43	29.27	1435.05				
24.9	-1.45	29.35	1435.08				
27.1	-1.23	29.80	1436.78				
29.2	-1.28	30.21	1437.16				
31.2	-1.30	30.40	1437.32				
33.3	-1.38	30.64	1437.30				
35.5	-1.38	30.85	1437.62				
37.7	-1.34	31.09	1438.19				
39.9	-1.28	31.26	1438.75				
42.0	-1.36	31.40	1438.56				
44.3	-1.39	31.49	1438.61				
46.4	-1.37	31.56	1438.84				
48.7	-1.40	31.66	1438.85				
50.9	-1.43	31.74	1438.86				
53.0	-1.37	31.81	1439.25				
55.3	-1.37	31.88	1439.39				
57.5	-1.37	31.91	1439.46				
59.7	-1.37	31.93	1439.54				
61.9	-1.40	31.97	1439.47				
64.1	-1.48	32.00	1439.20				
66.3	-1.48	32.07	1439.29				
68.6	-1.46	32.08	1439.46				
70.8	-1.52	32.08	1439.17				
73.0	-1.51	32.14	1439.35				
75.2	-1.57	32.14	1439.10				
77.4	-1.48	32.17	1439.61				
79.6	-1.47	32.19	1439.72				
81.8	-1.46	32.20	1439.85				
84.1	-1.47	32.24	1439.88				
86.3	-1.53	32.27	1439.66				
88.5	-1.47	32.31	1440.05				
90.7	-1.55	32.32	1439.71				
93.0	-1.46	32.36	1440.23				
95.2	-1.44	32.37	1440.36				
97.3	-1.46	32.39	1440.31				
99.6	-1.48	32.41	1440.30				
101.8	-1.49	32.45	1440.35				
104.0	-1.48	32.46	1440.43				
106.2	-1.50	32.49	1440.39				
108.4	-1.54	32.51	1440.28				
110.7	-1.57	32.52	1440.17				
112.8	-1.60	32.55	1440.11				
115.0	-1.55	32.58	1440.44				
117.3	-1.56	32.60	1440.44				
119.5	-1.53	32.63	1440.64				
121.7	-1.56	32.67	1440.61				
123.9	-1.56	32.69	1440.66				
126.1	-1.53	32.71	1440.89				
128.4	-1.53	32.75	1440.98				
130.6	-1.53	32.78	1441.05				
132.7	-1.52	32.78	1441.12				
135.0	-1.54	32.79	1441.10				
137.2	-1.57	32.83	1441.05				
139.4	-1.58	32.86	1441.08				
141.6	-1.59	32.89	1441.11				
143.8	-1.58	32.93	1441.24				
146.1	-1.58	32.99	1441.34				
148.2	-1.58	33.01	1441.39				
153.3	-1.62	33.11	1441.44				
158.4	-1.60	33.16	1441.69				
163.5	-1.61	33.25	1441.85				
168.8	-1.60	33.37	1442.14				
173.9	-1.54	33.45	1442.58				
179.0	-1.51	33.46	1442.85				
184.3	-1.49	33.56	1443.14				
189.4	-1.40	33.66	1443.79				
194.8	-1.38	33.74	1444.08				
200.1	-1.44	33.85	1444.07				
205.2	-1.35	33.96	1444.71				
210.4	-1.30	34.03	1445.12				
215.5	-0.98	34.19	1446.91				

MIZPAC 85  
 DATE: 85/08/28  
 LAT: 71 18.6 N

CAST# 24 DOWN  
 TIME: 10:01:09  
 LON: 149 56.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.53	10.02	1413.17	228.3	-0.74	34.32	1448.43
1.2	-1.12	25.35	1430.90	233.9	-0.60	34.40	1449.28
2.4	-1.35	27.67	1432.97	239.2	-0.46	34.47	1450.11
3.7	-1.36	27.70	1432.98	244.5	-0.36	34.52	1450.74
5.0	-1.36	27.71	1433.01	250.1	-0.31	34.56	1451.10
6.1	-1.36	27.73	1433.05	255.3	-0.24	34.60	1451.57
7.3	-1.36	27.73	1433.06	260.4	-0.19	34.64	1451.92
8.9	-1.36	27.74	1433.09	265.7	-0.11	34.66	1452.41
10.1	-1.36	27.78	1433.14	270.8	-0.06	34.67	1452.75
12.3	-1.31	28.05	1433.78	276.2	-0.01	34.69	1453.08
14.6	-1.30	28.17	1434.07	281.6	0.02	34.71	1453.36
16.8	-1.27	28.43	1434.60	287.2	0.08	34.73	1453.75
19.2	-1.20	28.90	1435.57	292.7	0.11	34.74	1453.95
21.4	-1.17	29.38	1436.40	297.9	0.13	34.74	1454.15
23.6	-1.20	29.74	1436.79	308.1	0.16	34.76	1454.49
25.9	-1.25	30.03	1436.99	318.4	0.19	34.77	1454.82
28.1	-1.32	30.30	1437.06	329.5	0.22	34.78	1455.14
30.3	-1.37	30.38	1436.98	340.2	0.25	34.79	1455.45
32.6	-1.34	30.55	1437.35	350.9	0.28	34.81	1455.78
34.8	-1.35	30.80	1437.69	361.1	0.32	34.82	1456.16
37.0	-1.35	31.03	1438.04	372.3	0.33	34.82	1456.39
39.2	-1.35	31.26	1438.40	383.4	0.34	34.83	1456.61
41.4	-1.34	31.39	1438.65	393.7	0.35	34.83	1456.83
43.7	-1.35	31.46	1438.72	404.1	0.36	34.83	1457.04
45.9	-1.36	31.57	1438.84	414.6	0.37	34.84	1457.29
48.2	-1.36	31.67	1439.05	425.0	0.38	34.85	1457.51
50.4	-1.37	31.76	1439.16	435.4	0.40	34.85	1457.79
52.7	-1.35	31.85	1439.37	446.1	0.40	34.85	1457.95
55.0	-1.37	31.91	1439.42	456.6	0.41	34.86	1458.19
57.2	-1.42	31.95	1439.28	467.0	0.41	34.86	1458.37
59.4	-1.51	31.97	1438.91	477.1	0.44	34.87	1458.64
61.7	-1.52	32.01	1438.95	487.2	0.44	34.87	1458.81
64.0	-1.47	32.06	1439.29	497.4	0.44	34.87	1459.01
66.2	-1.48	32.09	1439.32	507.6	0.44	34.88	1459.19
68.5	-1.47	32.12	1439.45	517.7	0.45	34.88	1459.37
70.8	-1.46	32.15	1439.56	528.9	0.45	34.88	1459.58
73.1	-1.47	32.18	1439.60	539.5	0.45	34.88	1459.74
75.3	-1.46	32.20	1439.72	550.0	0.46	34.89	1459.95
77.6	-1.42	32.23	1439.98	560.6	0.45	34.89	1460.09
79.8	-1.46	32.26	1439.86	570.9	0.45	34.89	1460.28
82.1	-1.46	32.28	1439.94	581.1	0.45	34.89	1460.46
84.4	-1.43	32.31	1440.15	591.7	0.46	34.89	1460.66
86.6	-1.48	32.34	1439.99	601.8	0.45	34.90	1460.81
88.9	-1.54	32.37	1439.78	613.0	0.44	34.90	1460.94
91.1	-1.52	32.37	1439.89	624.0	0.43	34.90	1461.05
93.5	-1.47	32.41	1440.23	634.2	0.42	34.90	1461.18
95.7	-1.48	32.45	1440.29	644.5	0.41	34.90	1461.30
98.0	-1.47	32.47	1440.39	654.7	0.40	34.90	1461.42
100.2	-1.46	32.50	1440.54	665.7	0.38	34.90	1461.56
102.5	-1.51	32.51	1440.30	675.8	0.37	34.91	1461.66
104.7	-1.45	32.53	1440.67	685.9	0.35	34.91	1461.74
107.0	-1.54	32.56	1440.31				
109.2	-1.53	32.57	1440.40				
111.5	-1.50	32.61	1440.64				
113.8	-1.51	32.63	1440.67				
116.0	-1.54	32.65	1440.61				
118.3	-1.52	32.71	1440.81				
120.6	-1.52	32.73	1440.85				
122.8	-1.55	32.77	1440.83				
125.1	-1.54	32.80	1440.94				
127.3	-1.54	32.81	1441.01				
129.6	-1.54	32.84	1441.05				
131.8	-1.54	32.86	1441.11				
134.1	-1.55	32.89	1441.14				
136.4	-1.56	32.92	1441.18				
138.6	-1.57	32.95	1441.22				
140.9	-1.56	32.98	1441.35				
143.1	-1.57	33.01	1441.35				
145.4	-1.58	33.03	1441.39				
147.6	-1.59	33.08	1441.41				
149.9	-1.60	33.10	1441.46				
155.0	-1.61	33.18	1441.58				
160.6	-1.63	33.25	1441.70				
165.7	-1.60	33.31	1441.98				
170.8	-1.60	33.36	1442.13				
176.0	-1.61	33.41	1442.24				
181.1	-1.53	33.50	1442.85				
186.2	-1.50	33.58	1443.19				
191.4	-1.51	33.66	1443.29				
196.6	-1.41	33.74	1443.96				
201.8	-1.22	33.94	1445.23				
207.0	-1.08	33.98	1446.04				
212.3	-1.09	34.01	1446.11				
217.7	-1.25	34.10	1445.59				
222.9	-0.82	34.27	1447.91				

MIZPAC 85  
DATE: 85/08/28  
LAT: 71 42.9 N

CAST# 25 DOWN  
TIME: 18:03:26  
LON: 150 02.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.27	25.72	1430.66	228.0	-0.66	34.38	1448.85
1.1	-1.33	26.58	1431.52	233.4	-0.59	34.43	1449.34
2.2	-1.37	27.01	1431.97	238.7	-0.55	34.47	1449.68
3.4	-1.08	27.46	1433.95	244.0	-0.51	34.49	1450.00
4.6	-1.33	27.42	1432.73	249.1	-0.47	34.53	1450.31
5.7	-1.28	27.51	1433.11	254.4	-0.42	34.56	1450.68
6.9	-1.24	27.43	1433.24	259.5	-0.35	34.59	1451.10
8.3	-1.36	27.45	1432.69	264.9	-0.28	34.62	1451.55
9.7	-1.40	27.51	1432.59	270.1	-0.24	34.64	1451.86
11.9	-1.40	27.56	1432.68	275.4	-0.18	34.65	1452.25
14.0	-1.40	27.57	1432.74	280.5	-0.12	34.68	1452.63
16.1	-1.39	27.60	1432.87	285.6	-0.06	34.69	1453.00
18.5	-1.35	27.75	1433.30	290.7	-0.01	34.71	1453.37
20.9	-1.28	28.10	1434.17	295.9	0.04	34.73	1453.67
23.0	-1.17	28.86	1435.75	306.0	0.12	34.75	1454.22
25.4	-1.17	29.26	1436.33	316.5	0.21	34.78	1454.86
27.8	-1.17	29.43	1436.56	327.0	0.27	34.80	1455.33
30.2	-1.23	29.66	1436.65	337.5	0.34	34.81	1455.86
32.5	-1.27	29.94	1436.86	348.2	0.37	34.82	1456.17
34.8	-1.30	30.19	1437.09	358.7	0.38	34.83	1456.39
37.1	-1.31	30.51	1437.55	369.1	0.38	34.84	1456.59
39.2	-1.33	30.78	1437.85	379.3	0.40	34.84	1456.83
41.5	-1.35	31.00	1438.06	390.0	0.41	34.85	1457.10
43.9	-1.35	31.22	1438.39	400.3	0.42	34.86	1457.31
46.3	-1.36	31.41	1438.64	410.6	0.44	34.86	1457.54
48.7	-1.37	31.58	1438.87	421.1	0.44	34.87	1457.76
51.0	-1.40	31.73	1438.97	431.6	0.45	34.87	1457.96
53.1	-1.39	31.85	1439.22	441.8	0.46	34.88	1458.16
55.5	-1.39	31.91	1439.34	452.3	0.46	34.88	1458.35
57.9	-1.40	31.95	1439.36	463.0	0.46	34.88	1458.53
60.2	-1.39	32.03	1439.59	473.7	0.46	34.89	1458.72
62.3	-1.37	32.08	1439.75	484.4	0.47	34.89	1458.93
64.7	-1.42	32.12	1439.61	494.9	0.47	34.89	1459.13
66.8	-1.43	32.16	1439.63	505.5	0.47	34.90	1459.27
69.2	-1.43	32.20	1439.76	515.8	0.46	34.90	1459.43
71.6	-1.43	32.23	1439.81	526.2	0.46	34.90	1459.61
73.9	-1.44	32.26	1439.88	536.7	0.46	34.90	1459.76
76.0	-1.45	32.30	1439.92	547.2	0.45	34.90	1459.88
78.4	-1.44	32.33	1440.04	557.5	0.44	34.90	1460.00
80.8	-1.44	32.38	1440.11	568.1	0.42	34.90	1460.12
82.9	-1.44	32.40	1440.17	578.5	0.41	34.90	1460.24
85.3	-1.44	32.42	1440.24	589.1	0.40	34.91	1460.37
87.6	-1.47	32.46	1440.19	599.6	0.39	34.91	1460.51
89.7	-1.47	32.49	1440.27	610.2	0.38	34.91	1460.65
91.8	-1.46	32.50	1440.37	620.8	0.38	34.91	1460.79
94.2	-1.48	32.53	1440.39	631.2	0.36	34.91	1460.90
96.3	-1.48	32.57	1440.43	641.5	0.35	34.91	1461.01
98.6	-1.50	32.61	1440.41	652.0	0.34	34.91	1461.12
100.7	-1.49	32.63	1440.57	662.2	0.32	34.91	1461.22
103.1	-1.51	32.65	1440.54	672.3	0.31	34.92	1461.33
105.5	-1.52	32.69	1440.56	682.9	0.29	34.92	1461.44
107.8	-1.52	32.70	1440.62	693.3	0.28	34.92	1461.54
109.9	-1.52	32.72	1440.67				
112.0	-1.52	32.75	1440.74				
114.3	-1.53	32.77	1440.78				
116.4	-1.53	32.79	1440.83				
118.5	-1.54	32.82	1440.86				
120.8	-1.53	32.85	1440.98				
122.9	-1.54	32.87	1441.01				
125.0	-1.54	32.89	1441.04				
127.0	-1.55	32.92	1441.09				
129.4	-1.55	32.94	1441.14				
131.8	-1.56	32.97	1441.18				
134.2	-1.56	32.99	1441.23				
136.6	-1.56	33.03	1441.33				
138.9	-1.57	33.06	1441.37				
141.1	-1.57	33.08	1441.42				
143.4	-1.57	33.10	1441.48				
145.5	-1.58	33.12	1441.51				
147.8	-1.58	33.16	1441.61				
149.9	-1.58	33.18	1441.67				
155.0	-1.57	33.24	1441.85				
160.2	-1.58	33.29	1441.98				
165.4	-1.56	33.36	1442.24				
170.6	-1.53	33.42	1442.57				
175.8	-1.47	33.51	1443.04				
181.0	-1.46	33.60	1443.30				
186.3	-1.38	33.69	1443.91				
191.6	-1.37	33.79	1444.15				
197.0	-1.39	33.88	1444.28				
202.1	-1.29	33.98	1444.95				
207.2	-1.36	34.04	1444.79				
212.3	-1.20	34.14	1445.79				
217.4	-1.07	34.23	1446.56				
222.6	-0.79	34.32	1448.12				

MIZPAC 85  
 DATE: 85/08/29  
 LAT: 71 57.9 N

CAST# 26 DOWN  
 TIME: 01:43:38  
 LON: 149 58.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
7.8	10.27	-1.36	1446.84	222.4	-1.08	34.18	1446.57
0.0	-1.21	24.88	1429.84	227.7	-0.95	34.25	1447.32
1.1	-1.33	26.84	1431.89	232.8	-0.75	34.33	1448.47
2.3	-1.38	27.51	1432.57	238.1	-0.61	34.41	1449.31
3.5	-1.39	27.52	1432.59	243.3	-0.59	34.46	1449.55
4.7	-1.39	27.53	1432.60	248.5	-0.56	34.49	1449.84
5.9	-1.39	27.53	1432.61	253.6	-0.51	34.52	1450.20
7.0	-1.39	27.54	1432.63	258.6	-0.46	34.56	1450.56
8.2	-1.39	27.54	1432.65	264.0	-0.40	34.58	1450.92
9.5	-1.39	27.54	1432.67	269.1	-0.34	34.60	1451.33
11.7	-1.40	27.55	1432.70	274.3	-0.28	34.63	1451.75
13.8	-1.39	27.57	1432.78	279.7	-0.20	34.65	1452.19
16.1	-1.37	27.66	1433.07	285.0	-0.13	34.68	1452.66
18.4	-1.22	28.47	1434.89	290.4	-0.08	34.69	1453.02
20.6	-1.18	28.84	1435.64	295.5	-0.03	34.71	1453.33
22.9	-1.19	29.19	1436.09	305.6	0.06	34.73	1453.95
25.2	-1.18	29.60	1436.74	315.8	0.15	34.75	1454.53
27.5	-1.22	29.85	1436.90	326.3	0.22	34.77	1455.06
29.8	-1.25	30.22	1437.29	336.7	0.29	34.79	1455.58
31.9	-1.27	30.48	1437.57	347.2	0.33	34.81	1455.97
34.2	-0.97	30.95	1439.70	357.7	0.36	34.81	1456.26
36.5	-0.10	31.13	1444.05	368.2	0.36	34.82	1456.43
38.6	0.01	31.35	1444.90	378.4	0.38	34.83	1456.71
40.8	0.06	31.54	1445.40	388.5	0.39	34.84	1456.92
42.9	-0.40	31.51	1443.27	398.9	0.41	34.84	1457.20
45.2	-0.93	31.65	1440.98	409.3	0.42	34.85	1457.42
47.5	-0.93	31.93	1441.40	419.7	0.43	34.85	1457.63
49.8	-1.15	31.80	1440.22	429.8	0.43	34.86	1457.83
52.1	-1.39	31.85	1439.22	440.3	0.44	34.86	1458.03
54.4	-1.41	31.94	1439.26	450.6	0.45	34.87	1458.27
56.7	-1.39	31.98	1439.42	461.1	0.45	34.87	1458.46
58.8	-1.39	31.99	1439.48	471.7	0.45	34.87	1458.62
61.0	-1.39	32.09	1439.65	481.9	0.45	34.88	1458.78
63.0	-1.39	32.12	1439.72	492.2	0.46	34.88	1459.00
65.3	-1.40	32.14	1439.76	502.7	0.46	34.88	1459.18
67.6	-1.42	32.17	1439.72	512.8	0.47	34.88	1459.38
69.7	-1.41	32.21	1439.85	523.0	0.47	34.89	1459.56
72.0	-1.43	32.22	1439.84	533.4	0.46	34.89	1459.69
74.3	-1.42	32.24	1439.94	543.5	0.46	34.89	1459.87
76.6	-1.49	32.31	1439.74	553.9	0.46	34.90	1460.06
78.9	-1.47	32.36	1439.91	564.1	0.46	34.90	1460.19
81.2	-1.50	32.38	1439.87	574.5	0.44	34.90	1460.31
83.3	-1.51	32.40	1439.88	585.1	0.43	34.90	1460.45
85.5	-1.49	32.42	1440.05	595.2	0.44	34.90	1460.62
87.9	-1.48	32.46	1440.18	605.3	0.43	34.90	1460.76
90.2	-1.49	32.47	1440.17	615.7	0.42	34.90	1460.90
92.5	-1.50	32.51	1440.20	625.8	0.41	34.90	1461.02
94.8	-1.55	32.53	1440.01	636.3	0.40	34.90	1461.13
97.1	-1.56	32.56	1440.06	646.4	0.38	34.91	1461.21
99.4	-1.58	32.59	1440.07	656.5	0.37	34.91	1461.32
101.5	-1.56	32.62	1440.21	666.6	0.35	34.91	1461.44
103.8	-1.56	32.64	1440.27	677.1	0.34	34.91	1461.56
106.1	-1.53	32.67	1440.49	687.2	0.32	34.91	1461.63
108.4	-1.51	32.70	1440.67	697.3	0.31	34.91	1461.73
110.7	-1.52	32.71	1440.66	707.4	0.29	34.91	1461.83
113.0	-1.51	32.74	1440.80	718.0	0.28	34.91	1461.93
115.4	-1.54	32.75	1440.70	728.5	0.26	34.91	1462.03
117.7	-1.55	32.78	1440.73	738.7	0.25	34.91	1462.14
120.0	-1.55	32.81	1440.84	749.2	0.23	34.91	1462.27
122.3	-1.55	32.83	1440.87	759.4	0.22	34.91	1462.37
124.6	-1.57	32.86	1440.86	769.5	0.21	34.92	1462.47
126.9	-1.58	32.89	1440.91	779.6	0.20	34.92	1462.61
129.0	-1.59	32.91	1440.90	789.7	0.19	34.92	1462.73
131.2	-1.58	32.95	1441.06	800.2	0.17	34.92	1462.83
133.5	-1.60	32.98	1441.00	810.3	0.16	34.92	1462.95
135.6	-1.62	33.00	1440.99	820.4	0.15	34.92	1463.05
137.9	-1.62	33.03	1441.05	830.8	0.14	34.92	1463.17
140.2	-1.62	33.06	1441.14	840.9	0.12	34.92	1463.27
142.5	-1.62	33.08	1441.20	851.0	0.11	34.92	1463.39
144.8	-1.63	33.11	1441.24	861.1	0.10	34.92	1463.50
147.1	-1.63	33.15	1441.31	871.3	0.09	34.92	1463.62
149.5	-1.64	33.17	1441.36	881.4	0.08	34.92	1463.75
154.8	-1.62	33.23	1441.63	891.6	0.07	34.92	1463.87
160.1	-1.62	33.30	1441.78	902.2	0.05	34.92	1463.98
165.5	-1.62	33.36	1441.98	912.3	0.04	34.92	1464.08
170.8	-1.60	33.42	1442.23	922.4	0.03	34.92	1464.20
176.1	-1.58	33.49	1442.51	932.5	0.02	34.92	1464.33
181.2	-1.55	33.57	1442.84	942.6	0.01	34.92	1464.44
186.5	-1.55	33.63	1443.00	952.7	-0.01	34.92	1464.56
191.6	-1.49	33.71	1443.49	962.8	-0.02	34.92	1464.67
196.7	-1.44	33.78	1443.91	972.9	-0.03	34.92	1464.79
201.8	-1.41	33.86	1444.22	983.0	-0.04	34.92	1464.89
206.9	-1.43	33.95	1444.34	993.1	-0.06	34.93	1465.00
212.1	-1.35	34.02	1444.91				
217.2	-1.24	34.08	1445.59				



MIZPAC 85  
 DATE: 85/08/29  
 LAT: 72 09.8 N

CAST# 27 DOWN  
 TIME: 05:47:37  
 LON: 150 01.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.04	22.53	1427.47	226.5	-1.81	33.97	1442.88
1.2	-1.35	27.00	1432.04	231.8	-1.82	34.00	1442.95
2.6	-1.37	27.17	1432.16	237.0	-1.80	34.01	1443.13
3.7	-1.38	27.19	1432.16	242.2	-1.69	34.06	1443.84
5.0	-1.40	27.50	1432.51	247.5	-1.50	34.12	1444.91
6.2	-1.39	27.44	1432.48	252.8	-1.33	34.19	1445.89
7.4	-1.38	27.47	1432.61	257.8	-0.94	34.28	1447.92
8.6	-1.40	27.49	1432.56	263.0	-0.77	34.35	1448.90
9.9	-1.34	27.73	1433.18	268.4	-0.65	34.43	1449.64
12.2	-1.25	28.35	1434.50	273.6	-0.56	34.49	1450.24
14.3	-1.25	28.50	1434.74	278.7	-0.49	34.53	1450.72
16.3	-1.23	28.63	1435.04	283.8	-0.43	34.56	1451.11
18.4	-1.22	28.76	1435.27	289.1	-0.36	34.60	1451.57
20.5	-1.20	28.98	1435.73	294.3	-0.28	34.63	1452.04
22.7	-1.22	29.15	1435.91	299.7	-0.17	34.66	1452.69
24.9	-1.23	29.27	1436.05	309.9	-0.06	34.69	1453.40
27.2	-1.26	29.70	1436.51	320.0	0.05	34.73	1454.11
29.4	-1.27	29.89	1436.74	330.5	0.14	34.75	1454.75
31.7	-1.30	30.11	1436.95	341.1	0.23	34.78	1455.38
33.8	-1.28	30.45	1437.55	351.7	0.29	34.79	1455.83
36.1	-1.14	30.69	1438.54	362.0	0.34	34.81	1456.22
38.4	-1.10	30.95	1439.13	372.4	0.37	34.82	1456.57
40.6	-1.09	31.11	1439.41	382.9	0.38	34.83	1456.80
42.7	-1.36	31.38	1438.55	393.0	0.39	34.83	1457.02
45.0	-1.31	31.50	1439.01	403.2	0.40	34.84	1457.21
47.2	-0.92	31.79	1441.28	413.3	0.40	34.84	1457.38
49.3	-1.34	31.77	1439.31	423.8	0.40	34.85	1457.60
51.4	-1.34	31.86	1439.46	434.2	0.41	34.85	1457.79
53.6	-1.39	31.90	1439.26	444.4	0.42	34.86	1458.02
55.7	-1.42	31.95	1439.25	454.5	0.43	34.86	1458.22
57.9	-1.43	32.01	1439.31	464.7	0.44	34.86	1458.44
60.2	-1.46	32.03	1439.25	475.1	0.45	34.87	1458.66
62.6	-1.41	32.10	1439.63	485.2	0.44	34.87	1458.82
64.9	-1.46	32.15	1439.49	495.4	0.46	34.88	1459.04
67.2	-1.48	32.16	1439.41	505.6	0.46	34.88	1459.25
69.5	-1.43	32.20	1439.74	515.6	0.47	34.88	1459.45
71.8	-1.44	32.24	1439.82	526.2	0.47	34.89	1459.63
74.1	-1.45	32.27	1439.83	536.3	0.48	34.89	1459.83
76.5	-1.47	32.31	1439.81	546.5	0.48	34.89	1460.00
78.8	-1.48	32.33	1439.87	556.8	0.47	34.90	1460.17
81.0	-1.48	32.38	1439.92	567.0	0.48	34.90	1460.36
83.1	-1.49	32.40	1439.96	577.2	0.46	34.90	1460.44
85.4	-1.50	32.44	1440.02	587.6	0.46	34.90	1460.61
87.5	-1.50	32.47	1440.10	598.0	0.43	34.90	1460.66
89.7	-1.50	32.52	1440.16	608.4	0.42	34.90	1460.78
92.1	-1.53	32.56	1440.10	618.7	0.41	34.90	1460.89
94.4	-1.56	32.58	1440.07	629.2	0.40	34.90	1461.02
96.7	-1.53	32.60	1440.24	639.6	0.39	34.90	1461.16
99.0	-1.51	32.63	1440.41	650.1	0.38	34.90	1461.29
101.3	-1.53	32.66	1440.41	660.5	0.37	34.90	1461.43
103.5	-1.52	32.69	1440.55	671.0	0.36	34.91	1461.54
105.6	-1.51	32.72	1440.65	681.4	0.34	34.91	1461.63
107.9	-1.52	32.74	1440.70	691.9	0.33	34.91	1461.75
110.2	-1.53	32.79	1440.73	702.3	0.32	34.91	1461.87
112.5	-1.53	32.82	1440.80	712.7	0.31	34.91	1461.98
114.7	-1.55	32.85	1440.79	723.2	0.29	34.91	1462.09
117.0	-1.57	32.89	1440.80	733.6	0.28	34.91	1462.21
119.3	-1.57	32.94	1440.91	744.1	0.27	34.91	1462.33
121.6	-1.59	32.97	1440.89	754.5	0.26	34.91	1462.45
123.8	-1.58	33.01	1441.02	765.0	0.24	34.91	1462.57
126.0	-1.58	33.04	1441.06	775.5	0.23	34.91	1462.67
128.3	-1.59	33.07	1441.09	786.0	0.21	34.92	1462.77
130.5	-1.60	33.10	1441.15	796.4	0.20	34.92	1462.90
132.8	-1.61	33.13	1441.20	806.9	0.19	34.92	1463.03
135.0	-1.60	33.15	1441.27	817.3	0.17	34.92	1463.10
137.2	-1.60	33.19	1441.35	827.6	0.16	34.92	1463.21
139.5	-1.61	33.22	1441.41	837.8	0.14	34.92	1463.30
141.7	-1.61	33.24	1441.47				
144.0	-1.62	33.27	1441.51				
146.2	-1.62	33.30	1441.60				
148.4	-1.62	33.34	1441.65				
153.6	-1.62	33.40	1441.85				
158.9	-1.61	33.48	1442.08				
164.0	-1.56	33.56	1442.49				
169.2	-1.63	33.65	1442.34				
174.5	-1.65	33.69	1442.39				
179.6	-1.65	33.76	1442.59				
184.7	-1.70	33.80	1442.50				
190.0	-1.82	33.83	1442.06				
195.3	-1.82	33.86	1442.16				
200.5	-1.82	33.88	1442.27				
205.7	-1.82	33.90	1442.38				
211.0	-1.82	33.92	1442.48				
216.2	-1.82	33.93	1442.60				
221.4	-1.81	33.95	1442.75				



MIZPAC 85  
 DATE: 85/08/29  
 LAT: 72 24.9 N

CAST# 28 DOWN  
 TIME: 11:01:04  
 LON: 150 39.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.97	19.80	1424.13	211.2	-1.32	34.09	1445.13
1.3	-1.42	27.51	1432.35	216.4	-1.15	34.21	1446.17
2.4	-1.43	27.57	1432.40	221.7	-0.85	34.28	1447.75
3.5	-1.43	27.58	1432.46	226.8	-0.63	34.38	1448.99
4.5	-1.43	27.60	1432.49	232.0	-0.52	34.43	1449.65
5.7	-1.43	27.63	1432.53	237.1	-0.54	34.46	1449.69
6.9	-1.43	27.66	1432.59	242.2	-0.52	34.50	1449.91
8.1	-1.43	27.67	1432.62	247.4	-0.47	34.56	1450.31
9.3	-1.44	27.67	1432.64	252.6	-0.36	34.57	1450.93
11.5	-1.43	27.68	1432.69	257.7	-0.29	34.61	1451.39
13.6	-1.40	27.74	1432.95	263.0	-0.24	34.63	1451.73
15.7	-1.33	27.97	1433.65	268.1	-0.19	34.64	1452.06
17.8	-1.23	28.25	1434.54	273.3	-0.13	34.66	1452.42
19.9	-1.16	28.45	1435.18	278.4	-0.09	34.67	1452.71
22.0	-1.19	28.66	1435.38	283.5	-0.06	34.69	1452.99
24.1	-1.19	28.82	1435.59	288.6	-0.01	34.71	1453.32
26.2	-1.20	29.03	1435.86	293.7	0.04	34.72	1453.62
28.3	-1.22	29.29	1436.18	298.9	0.07	34.73	1453.89
30.4	-1.24	29.60	1436.52	309.1	0.17	34.76	1454.53
32.5	-1.28	29.84	1436.67	319.3	0.22	34.78	1454.97
34.6	-1.31	30.04	1436.83	329.7	0.29	34.80	1455.46
37.0	-1.31	30.33	1437.30	339.9	0.33	34.82	1455.83
39.3	-1.32	30.66	1437.74	350.2	0.34	34.82	1456.08
41.4	-1.32	30.93	1438.13	360.8	0.36	34.83	1456.34
43.5	-1.32	31.15	1438.44	371.2	0.37	34.84	1456.56
45.6	-1.35	31.39	1438.63	381.3	0.38	34.84	1456.80
47.7	-1.37	31.49	1438.72	391.5	0.39	34.85	1457.00
49.8	-1.38	31.61	1438.91	402.0	0.41	34.85	1457.26
52.0	-1.39	31.71	1438.98	412.1	0.42	34.86	1457.47
54.4	-1.42	31.82	1439.03	422.5	0.43	34.87	1457.69
56.5	-1.53	31.88	1438.66	433.0	0.43	34.87	1457.91
58.6	-1.51	31.92	1438.80	443.6	0.44	34.87	1458.13
60.7	-1.46	31.97	1439.14	453.9	0.45	34.88	1458.34
62.9	-1.40	32.02	1439.53	464.5	0.46	34.88	1458.56
65.0	-1.40	32.04	1439.59	474.8	0.47	34.88	1458.76
67.1	-1.45	32.10	1439.49	485.3	0.47	34.89	1458.95
69.2	-1.42	32.13	1439.72	495.8	0.47	34.89	1459.15
71.4	-1.44	32.17	1439.68	506.1	0.47	34.89	1459.32
73.5	-1.42	32.24	1439.92	516.2	0.47	34.90	1459.50
75.6	-1.44	32.25	1439.86	526.4	0.46	34.90	1459.61
77.7	-1.45	32.29	1439.90	536.9	0.45	34.89	1459.71
79.9	-1.45	32.32	1440.00	547.5	0.43	34.90	1459.80
82.0	-1.46	32.35	1440.02	557.9	0.41	34.90	1459.90
84.1	-1.46	32.37	1440.09	568.4	0.40	34.90	1460.04
86.3	-1.45	32.40	1440.18	578.7	0.40	34.90	1460.18
88.4	-1.47	32.42	1440.19	589.2	0.39	34.90	1460.30
90.5	-1.47	32.46	1440.25	599.5	0.38	34.90	1460.42
92.7	-1.47	32.48	1440.31	610.0	0.36	34.91	1460.53
94.8	-1.48	32.52	1440.37	620.6	0.35	34.91	1460.64
96.9	-1.48	32.54	1440.41	630.8	0.33	34.91	1460.75
99.0	-1.49	32.57	1440.46	641.1	0.31	34.91	1460.84
101.2	-1.49	32.59	1440.50	651.5	0.30	34.91	1460.94
103.3	-1.50	32.63	1440.56	661.9	0.29	34.91	1461.06
105.6	-1.50	32.66	1440.61	672.2	0.27	34.91	1461.17
107.8	-1.51	32.68	1440.65	682.6	0.25	34.91	1461.23
110.1	-1.50	32.70	1440.73	692.8	0.23	34.91	1461.33
112.2	-1.52	32.74	1440.74	703.2	0.23	34.91	1461.49
114.3	-1.52	32.76	1440.79	713.5	0.21	34.91	1461.56
116.4	-1.52	32.79	1440.85	723.7	0.20	34.91	1461.69
118.5	-1.53	32.82	1440.91	734.1	0.19	34.91	1461.80
120.6	-1.53	32.85	1440.97	744.4	0.17	34.91	1461.90
122.7	-1.54	32.88	1441.00	755.0	0.16	34.92	1462.03
124.8	-1.54	32.90	1441.05	765.2	0.15	34.92	1462.13
126.9	-1.55	32.92	1441.08	775.5	0.13	34.91	1462.22
129.3	-1.55	32.94	1441.14	785.7	0.12	34.92	1462.33
131.6	-1.56	32.97	1441.19	796.0	0.10	34.92	1462.44
133.7	-1.56	32.99	1441.22	806.3	0.09	34.92	1462.56
136.0	-1.56	33.01	1441.27	816.4	0.08	34.92	1462.69
138.1	-1.57	33.03	1441.30	826.5	0.07	34.92	1462.81
140.4	-1.58	33.04	1441.33	837.0	0.07	34.92	1462.96
142.7	-1.59	33.08	1441.35	847.2	0.06	34.92	1463.08
144.8	-1.60	33.10	1441.37				
147.0	-1.60	33.12	1441.44				
149.1	-1.60	33.15	1441.50				
154.3	-1.60	33.20	1441.67				
159.5	-1.59	33.27	1441.89				
164.7	-1.58	33.37	1442.14				
169.9	-1.60	33.44	1442.22				
175.0	-1.57	33.52	1442.60				
180.1	-1.57	33.57	1442.74				
185.3	-1.49	33.67	1443.31				
190.4	-1.44	33.74	1443.75				
195.6	-1.42	33.85	1444.06				
200.8	-1.40	33.93	1444.37				
205.9	-1.44	34.03	1444.37				

MIZPAC 85  
 DATE: 85/08/29  
 LAT: 72 41.5 N

CAST# 29 DOWN  
 TIME: 16:36:02  
 LON: 151 13.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.0	-1.36	26.71	1431.59	218.0	-1.39	34.04	1444.85
1.1	-1.40	27.14	1431.97	223.3	-1.22	34.11	1445.82
2.2	-1.40	27.15	1431.98	228.5	-0.98	34.24	1447.21
3.4	-1.41	27.16	1432.00	233.6	-0.82	34.33	1448.17
4.6	-1.41	27.18	1432.03	238.7	-0.65	34.38	1449.09
5.8	-1.41	27.20	1432.06	243.9	-0.60	34.42	1449.47
7.0	-1.41	27.20	1432.09	249.0	-0.52	34.47	1449.98
8.3	-1.41	27.20	1432.12	254.2	-0.42	34.52	1450.62
9.5	-1.40	27.21	1432.17	259.3	-0.36	34.56	1451.02
11.7	-1.35	27.59	1432.97	264.5	-0.31	34.56	1451.32
13.9	-1.32	27.83	1433.50	269.6	-0.26	34.60	1451.72
16.1	-1.30	28.23	1434.15	274.9	-0.20	34.63	1452.11
18.2	-1.25	28.67	1435.02	280.1	-0.15	34.65	1452.43
20.4	-1.25	29.09	1435.63	285.3	-0.10	34.67	1452.81
22.6	-1.26	29.24	1435.83	290.5	-0.06	34.67	1453.06
24.8	-1.27	29.41	1436.05	295.6	-0.05	34.69	1453.24
27.0	-1.27	29.60	1436.32	305.9	0.05	34.73	1453.91
29.2	-1.29	29.73	1436.46	316.4	0.13	34.76	1454.48
31.5	-1.28	29.85	1436.67	326.5	0.22	34.78	1455.11
33.6	-1.29	30.00	1436.87	336.9	0.28	34.80	1455.57
35.8	-1.29	30.18	1437.13	347.3	0.31	34.82	1455.88
38.0	-1.30	30.38	1437.41	357.8	0.34	34.83	1456.19
40.2	-1.30	30.61	1437.73	368.3	0.36	34.83	1456.46
42.4	-1.31	30.87	1438.11	378.5	0.38	34.84	1456.73
44.6	-1.31	31.10	1438.44	388.6	0.39	34.85	1456.98
46.7	-1.32	31.28	1438.68	398.8	0.42	34.86	1457.28
48.8	-1.35	31.47	1438.85	409.1	0.43	34.87	1457.50
51.0	-1.36	31.64	1439.03	419.4	0.44	34.87	1457.73
53.2	-1.38	31.75	1439.11	429.9	0.45	34.87	1457.93
55.5	-1.40	31.84	1439.20	440.0	0.45	34.88	1458.13
57.7	-1.40	31.92	1439.32	450.3	0.46	34.88	1458.31
59.9	-1.41	31.99	1439.41	460.6	0.46	34.88	1458.52
62.1	-1.42	32.04	1439.46	470.8	0.47	34.89	1458.71
64.3	-1.43	32.09	1439.52	481.0	0.48	34.89	1458.93
66.5	-1.43	32.12	1439.60	491.3	0.48	34.90	1459.11
68.7	-1.43	32.15	1439.66	501.9	0.48	34.90	1459.31
71.0	-1.44	32.19	1439.71	512.2	0.48	34.90	1459.48
73.1	-1.45	32.23	1439.78	522.5	0.47	34.90	1459.61
75.2	-1.44	32.27	1439.89	533.0	0.46	34.90	1459.72
77.5	-1.45	32.30	1439.95	543.1	0.44	34.90	1459.81
79.7	-1.45	32.34	1440.04	553.3	0.43	34.90	1459.93
82.0	-1.45	32.37	1440.11	563.8	0.42	34.90	1460.04
84.2	-1.45	32.40	1440.17	573.9	0.41	34.91	1460.17
86.4	-1.46	32.43	1440.21	584.2	0.40	34.91	1460.31
88.6	-1.46	32.47	1440.29	594.3	0.39	34.91	1460.43
90.8	-1.46	32.50	1440.35	604.7	0.38	34.91	1460.54
93.1	-1.46	32.52	1440.41	614.8	0.37	34.91	1460.65
95.3	-1.47	32.54	1440.45	625.3	0.35	34.91	1460.76
97.5	-1.48	32.57	1440.50	635.8	0.33	34.91	1460.85
99.7	-1.48	32.60	1440.55	645.9	0.32	34.91	1460.94
102.0	-1.49	32.62	1440.58	656.4	0.30	34.91	1461.05
104.2	-1.50	32.65	1440.61	666.9	0.29	34.91	1461.15
106.4	-1.50	32.67	1440.66	677.0	0.27	34.92	1461.24
108.5	-1.51	32.70	1440.69	687.1	0.25	34.92	1461.34
110.7	-1.51	32.72	1440.74				
112.9	-1.51	32.74	1440.78				
115.0	-1.52	32.76	1440.83				
117.2	-1.52	32.78	1440.88				
119.4	-1.53	32.81	1440.92				
121.6	-1.53	32.83	1440.97				
123.8	-1.54	32.86	1441.00				
126.1	-1.54	32.88	1441.06				
128.1	-1.55	32.90	1441.09				
130.3	-1.55	32.92	1441.13				
132.6	-1.56	32.93	1441.13				
134.8	-1.57	32.97	1441.18				
137.1	-1.57	32.99	1441.25				
139.2	-1.58	33.01	1441.29				
141.5	-1.58	33.03	1441.32				
143.7	-1.58	33.05	1441.39				
145.9	-1.58	33.07	1441.44				
148.0	-1.59	33.09	1441.48				
150.1	-1.58	33.10	1441.55				
155.4	-1.58	33.17	1441.72				
160.5	-1.59	33.22	1441.85				
165.6	-1.60	33.27	1441.95				
170.7	-1.58	33.33	1442.20				
176.0	-1.60	33.40	1442.27				
181.3	-1.59	33.46	1442.49				
186.6	-1.50	33.53	1443.10				
191.9	-1.58	33.59	1442.92				
197.1	-1.49	33.69	1443.54				
202.5	-1.31	33.79	1444.62				
207.8	-1.37	33.88	1444.56				
212.9	-1.39	33.97	1444.63				

MIZPAC 85  
DATE: 85/08/30  
LAT: 73 08.6 N

CAST# 30 DOWN  
TIME: 01:59:56  
LON: 151 23.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.45	28.55	1433.62	222.4	-0.96	34.07	1446.98
1.1	-1.51	28.84	1433.75	227.5	-0.87	34.16	1447.60
2.5	-1.51	28.85	1433.77	232.6	-0.77	34.25	1448.29
3.6	-1.51	28.85	1433.78	237.8	-0.69	34.31	1448.80
4.8	-1.51	28.85	1433.80	243.1	-0.62	34.37	1449.31
6.0	-1.51	28.84	1433.82	248.4	-0.54	34.44	1449.87
7.3	-1.51	28.85	1433.84	253.6	-0.49	34.48	1450.21
8.6	-1.51	28.86	1433.88	258.9	-0.43	34.51	1450.62
9.8	-1.51	28.88	1433.91	264.1	-0.33	34.56	1451.24
12.0	-1.51	28.91	1434.01	269.4	-0.28	34.59	1451.60
14.2	-1.50	28.98	1434.20	274.6	-0.26	34.61	1451.81
16.5	-1.48	29.13	1434.54	279.8	-0.22	34.63	1452.11
18.7	-1.44	29.30	1434.96	285.0	-0.18	34.65	1452.41
21.0	-1.38	29.56	1435.64	290.1	-0.16	34.66	1452.61
23.4	-1.33	29.76	1436.19	295.3	-0.12	34.68	1452.89
25.6	-1.32	30.00	1436.60	305.5	0.00	34.71	1453.63
27.7	-1.30	30.11	1436.88	315.6	0.08	34.74	1454.23
30.1	-1.31	30.19	1436.99	326.0	0.20	34.78	1454.98
32.4	-1.33	30.31	1437.11	336.4	0.28	34.79	1455.56
34.7	-1.34	30.42	1437.22	346.7	0.33	34.81	1455.98
36.8	-1.36	30.51	1437.31	357.1	0.36	34.81	1456.27
39.0	-1.37	30.58	1437.38	367.7	0.34	34.83	1456.39
41.3	-1.39	30.68	1437.42	378.2	0.36	34.84	1456.67
43.6	-1.41	30.75	1437.46	388.4	0.39	34.85	1456.98
45.8	-1.43	30.81	1437.52	398.7	0.42	34.86	1457.26
48.1	-1.43	30.85	1437.60	409.2	0.43	34.87	1457.50
50.4	-1.41	30.91	1437.81	419.6	0.44	34.87	1457.73
52.6	-1.40	30.98	1438.01	429.7	0.45	34.88	1457.94
54.8	-1.38	31.06	1438.22	440.2	0.46	34.88	1458.15
57.0	-1.33	31.29	1438.81	450.5	0.46	34.88	1458.34
59.2	-1.32	31.39	1439.04	460.7	0.47	34.89	1458.56
61.5	-1.33	31.53	1439.18	471.1	0.47	34.89	1458.76
63.6	-1.35	31.60	1439.23	481.6	0.48	34.89	1458.97
65.6	-1.37	31.72	1439.32	491.8	0.49	34.90	1459.16
67.8	-1.38	31.78	1439.41	502.1	0.49	34.90	1459.34
70.0	-1.38	31.84	1439.50	512.3	0.49	34.90	1459.51
72.1	-1.39	31.89	1439.57	522.6	0.49	34.90	1459.67
74.4	-1.40	31.95	1439.62	532.7	0.48	34.90	1459.79
76.6	-1.41	32.01	1439.70	542.9	0.46	34.91	1459.90
78.9	-1.42	32.07	1439.77	553.2	0.45	34.91	1460.03
81.1	-1.43	32.11	1439.85	563.8	0.44	34.91	1460.14
83.2	-1.43	32.14	1439.90	573.9	0.43	34.91	1460.27
85.4	-1.43	32.19	1440.00	584.4	0.42	34.91	1460.39
87.6	-1.44	32.24	1440.04	594.9	0.41	34.91	1460.53
89.9	-1.44	32.28	1440.14	605.0	0.40	34.91	1460.63
92.1	-1.44	32.33	1440.28	615.1	0.38	34.92	1460.72
94.2	-1.44	32.37	1440.33	625.2	0.37	34.92	1460.83
96.4	-1.44	32.40	1440.41	635.3	0.35	34.92	1460.94
98.5	-1.43	32.42	1440.54	645.4	0.34	34.92	1461.05
100.7	-1.45	32.47	1440.55	655.5	0.32	34.92	1461.14
102.9	-1.44	32.49	1440.65	665.6	0.31	34.92	1461.25
105.2	-1.46	32.52	1440.63	675.8	0.30	34.92	1461.36
107.4	-1.47	32.54	1440.65	685.9	0.28	34.92	1461.45
109.7	-1.47	32.56	1440.69	696.0	0.27	34.92	1461.55
111.9	-1.48	32.58	1440.73				
114.2	-1.49	32.62	1440.77				
116.5	-1.49	32.65	1440.82				
118.7	-1.50	32.67	1440.85				
121.0	-1.50	32.69	1440.90				
123.3	-1.51	32.72	1440.95				
125.5	-1.52	32.75	1440.99				
127.6	-1.52	32.77	1441.04				
129.9	-1.52	32.79	1441.09				
132.2	-1.53	32.82	1441.14				
134.4	-1.54	32.86	1441.19				
136.5	-1.54	32.88	1441.23				
138.7	-1.54	32.90	1441.28				
140.8	-1.55	32.92	1441.32				
143.0	-1.55	32.94	1441.36				
145.1	-1.56	32.97	1441.40				
147.4	-1.56	32.98	1441.44				
149.6	-1.57	33.00	1441.48				
154.7	-1.58	33.06	1441.60				
159.9	-1.58	33.10	1441.72				
165.0	-1.58	33.15	1441.87				
170.3	-1.58	33.22	1442.05				
175.5	-1.57	33.27	1442.25				
180.7	-1.55	33.34	1442.51				
185.9	-1.54	33.40	1442.74				
191.0	-1.49	33.49	1443.16				
196.3	-1.43	33.57	1443.66				
201.6	-1.35	33.67	1444.25				
206.8	-1.26	33.77	1444.89				
211.9	-1.14	33.89	1445.71				
217.0	-1.03	34.01	1446.50				

MIZPAC 85  
DATE: 85/09/02  
LAT: 70 50.7 N

CAST# 31 DOWN  
TIME: 05:23:58  
LON: 160 34.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.6	7.63	30.94	1476.00
0.5	7.61	30.95	1475.92
1.5	7.61	30.94	1475.92
0.4	7.62	30.94	1475.93
1.5	7.60	30.95	1475.88
0.5	7.62	30.95	1475.92
1.6	7.61	30.95	1475.92
3.2	7.55	31.00	1475.79
4.3	7.60	30.96	1475.96
5.4	7.66	30.98	1476.20
6.8	7.59	30.94	1475.93
7.9	7.43	31.17	1475.63
9.2	7.37	31.21	1475.45
10.5	7.15	31.25	1474.65
12.6	6.25	31.63	1471.63
14.7	4.13	31.80	1463.22
16.9	3.72	32.05	1461.83
19.1	3.64	32.05	1461.54
21.3	3.61	32.06	1461.45
23.6	3.59	32.06	1461.39
25.8	3.55	32.07	1461.29
27.9	3.54	32.06	1461.29
30.2	3.53	32.06	1461.29
32.5	3.53	32.07	1461.30
34.7	3.51	32.06	1461.25
36.8	3.46	32.08	1461.12
39.0	3.46	32.08	1461.13

MIZPAC 85  
DATE: 85/09/02  
LAT: 70 55.8 N

CAST# 32 DOWN  
TIME: 06:26:02  
LON: 160 10.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.1	7.57	30.84	1475.65
0.0	7.57	30.84	1475.63
1.2	7.57	30.84	1475.65
0.1	7.57	30.84	1475.63
1.1	7.57	30.84	1475.65
0.1	7.57	30.85	1475.63
1.1	7.57	30.84	1475.65
2.4	7.57	30.86	1475.66
3.5	7.54	30.87	1475.57
4.7	7.60	30.82	1475.79
6.1	7.57	30.85	1475.74
7.2	7.57	30.85	1475.73
8.3	7.51	30.88	1475.55
9.5	7.14	31.15	1474.49
11.6	3.35	32.00	1460.14
13.9	3.24	32.09	1459.82
16.2	3.22	32.10	1459.78
18.4	3.20	32.10	1459.72
20.6	3.16	32.11	1459.62
22.9	3.14	32.11	1459.57
25.1	3.12	32.12	1459.52
27.3	3.13	32.12	1459.58
29.5	3.12	32.13	1459.58
31.6	3.12	32.12	1459.61
33.6	3.12	32.12	1459.65
35.9	3.12	32.12	1459.70
38.1	3.12	32.12	1459.72

MIZPAC 85  
DATE: 85/09/02  
LAT: 71 02.2 N

CAST# 33 DOWN  
TIME: 08:18:58  
LON: 159 39.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	7.52	30.73	1475.30
1.5	7.49	30.75	1475.22
2.5	7.44	30.79	1475.10
3.7	7.52	30.81	1475.44
4.9	7.45	30.83	1475.24
6.2	7.28	30.84	1474.58
7.4	5.55	30.96	1467.91
8.7	4.18	30.98	1462.26
9.8	3.03	31.80	1458.47
12.0	3.43	31.64	1460.00
14.2	3.29	31.71	1459.55
16.5	2.10	31.86	1454.61
18.6	2.07	32.24	1455.02
20.8	2.50	32.26	1456.97
22.9	2.49	32.29	1456.96
25.0	2.49	32.30	1457.06
27.3	2.47	32.32	1457.01
29.5	2.47	32.32	1457.03
31.6	2.44	32.34	1456.98
33.6	2.32	32.33	1456.47
35.7	2.23	32.34	1456.13
37.9	2.21	32.35	1456.07
40.1	2.19	32.34	1456.01
42.2	2.11	32.34	1455.70
44.3	2.09	32.35	1455.66
46.6	2.01	32.35	1455.35
48.8	1.97	32.35	1455.22

MIZPAC 85  
DATE: 85/09/02  
LAT: 71 07.0 N

CAST# 34 DOWN  
TIME: 09:21:45  
LON: 159 19.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	7.46	30.62	1474.91
1.1	7.45	30.62	1474.90
2.3	7.44	30.62	1474.87
3.6	7.43	30.62	1474.87
4.8	7.41	30.61	1474.80
6.0	7.37	30.62	1474.68
7.1	7.32	30.62	1474.51
8.2	7.37	30.67	1474.76
9.3	7.34	30.68	1474.67
11.5	7.32	30.83	1474.82
13.6	5.67	30.75	1468.21
15.8	4.13	31.18	1462.43
18.0	3.59	31.26	1460.29
20.2	0.85	30.81	1447.68
22.5	-0.76	32.41	1442.45
24.8	1.51	32.38	1452.80
27.0	2.06	32.36	1455.24
29.2	2.00	32.40	1455.07
31.3	1.97	32.37	1454.94
33.5	1.94	32.37	1454.87
35.7	1.79	32.38	1454.23
37.9	1.66	32.38	1453.71
40.1	1.61	32.38	1453.51
42.3	1.40	32.38	1452.61
44.5	1.37	32.37	1452.48
46.7	1.24	32.39	1451.97
48.9	1.13	32.39	1451.49
51.1	0.95	32.39	1450.75
53.3	0.59	32.38	1449.13
55.5	0.35	32.40	1448.12
57.8	0.12	32.42	1447.13
59.9	0.04	32.43	1446.80
62.1	-0.06	32.43	1446.38



MIZPAC 85  
DATE: 85/09/02  
LAT: 71 11.8 N

CAST# 35 DOWN  
TIME: 10:32:34  
LON: 158 52.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.7	6.45	30.16	1470.40
1.9	6.24	30.17	1469.59
3.1	5.90	30.61	1468.80
4.8	5.54	31.08	1467.95
5.9	5.54	31.08	1467.96
7.3	5.59	31.10	1468.23
8.4	5.59	31.10	1468.26
9.8	5.78	31.22	1469.20
11.9	5.67	31.29	1468.88
14.0	5.79	31.46	1469.60
16.1	5.72	31.34	1469.20
18.2	2.72	31.70	1457.15
20.3	2.97	32.04	1458.68
22.6	2.87	32.12	1458.38
24.8	2.81	32.14	1458.20
27.0	2.75	32.16	1458.02
29.2	2.70	32.19	1457.87
31.3	2.66	32.19	1457.73
33.4	2.58	32.20	1457.40
35.5	2.51	32.20	1457.15
37.7	2.31	32.15	1456.27
39.9	1.89	32.34	1454.70
42.3	1.76	32.37	1454.18
44.4	1.72	32.36	1454.05
46.5	1.71	32.38	1454.04
48.6	1.73	32.38	1454.16
50.7	1.72	32.38	1454.16
52.9	1.68	32.38	1454.01
55.1	1.64	32.37	1453.87
57.2	1.50	32.37	1453.28
59.4	1.41	32.39	1452.94
61.6	1.36	32.39	1452.76
63.7	1.19	32.40	1452.04
66.0	1.11	32.40	1451.69
68.1	0.97	32.34	1451.06
70.3	0.16	32.37	1447.43
72.5	-0.63	32.38	1443.79
74.7	-0.76	32.46	1443.36
76.8	-0.77	32.46	1443.32
78.9	-0.79	32.47	1443.28
81.0	-0.80	32.46	1443.28
83.2	-0.82	32.47	1443.19
85.4	-0.84	32.47	1443.15
87.5	-0.88	32.46	1442.98

MIZPAC 85  
DATE: 85/09/02  
LAT: 71 16.9 N

CAST# 36 DOWN  
TIME: 11:35:04  
LON: 158 28.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.8	7.17	30.27	1473.37
2.0	7.17	30.28	1473.40
3.2	7.44	30.23	1474.39
4.4	7.30	30.39	1474.09
5.7	7.34	30.43	1474.31
6.8	7.35	30.44	1474.35
8.1	7.32	30.48	1474.34
9.2	7.36	30.52	1474.53
11.4	7.42	30.64	1474.95
13.5	7.43	31.01	1475.50
15.6	5.88	31.28	1469.74
17.8	5.36	31.47	1467.91
19.9	3.67	31.43	1460.90
22.1	2.86	31.59	1457.65
24.3	2.95	31.68	1458.21
26.4	3.09	31.82	1458.99
28.6	3.18	31.88	1459.53
30.9	3.03	31.98	1459.03
32.9	2.92	32.06	1458.70
35.0	2.89	32.09	1458.65
37.3	2.86	32.09	1458.53
39.4	2.84	32.09	1458.49
41.6	2.76	32.08	1458.19
43.8	2.54	32.15	1457.35
46.1	2.60	32.11	1457.57
48.4	2.58	32.09	1457.52
50.5	2.32	32.06	1456.36
52.9	1.99	31.79	1454.60
55.1	0.19	31.96	1446.76
57.2	-0.56	31.89	1443.22
59.4	-1.62	32.17	1438.66
61.5	-1.57	32.34	1439.14
63.7	-1.50	32.40	1439.59
65.8	-1.35	32.48	1440.45
67.9	-1.28	32.48	1440.79
70.0	-1.36	32.48	1440.46
72.2	-1.38	32.49	1440.43
74.3	-1.39	32.50	1440.43



MIZPAC 85  
DATE: 85/09/02  
LAT: 71 21.4 N

CAST# 37 DOWN  
TIME: 13:00:06  
LON: 157 55.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.2	7.27	30.54	1474.09
1.4	7.27	30.54	1474.11
2.6	7.27	30.54	1474.13
3.8	7.27	30.54	1474.14
5.1	7.25	30.56	1474.12
6.3	7.21	30.57	1473.98
7.5	7.19	30.57	1473.94
8.5	6.87	30.58	1472.69
9.6	6.40	30.54	1470.79
11.8	6.64	30.74	1472.05
13.9	6.93	31.27	1473.90
16.0	6.18	31.50	1471.25
18.1	5.97	31.57	1470.54
20.3	4.41	31.71	1464.34
22.4	3.68	31.73	1461.35
24.6	3.04	31.81	1458.77
26.8	3.01	31.83	1458.71
29.0	3.00	31.84	1458.70
31.2	2.98	31.85	1458.66
33.4	2.95	31.88	1458.63
35.6	2.91	31.93	1458.53
37.8	2.90	31.98	1458.58
39.9	2.90	31.99	1458.63
42.1	2.88	32.02	1458.64
44.4	2.88	32.03	1458.66
46.6	2.90	32.04	1458.82
48.7	2.84	32.06	1458.61
50.9	1.86	31.98	1454.28
53.1	1.00	32.04	1450.56
55.2	1.87	32.21	1454.69
57.4	2.10	32.23	1455.75
59.6	2.15	32.23	1456.04
61.9	2.17	32.24	1456.13
64.0	2.17	32.24	1456.17
66.3	2.15	32.24	1456.15
68.4	2.12	32.25	1456.04
70.5	2.05	32.24	1455.76
72.6	1.92	32.24	1455.24
74.8	1.89	32.24	1455.14
76.9	1.78	32.25	1454.68
79.0	1.69	32.25	1454.32
81.1	1.62	32.25	1454.06
83.2	1.57	32.26	1453.85
85.4	1.30	32.24	1452.69
87.5	1.14	32.24	1452.01
89.6	0.90	32.25	1450.95
91.7	0.83	32.28	1450.71

MIZPAC 85  
DATE: 85/09/02  
LAT: 71 24.9 N

CAST# 38 DOWN  
TIME: 14:09:01  
LON: 157 31.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.4	6.95	30.82	1473.18
1.5	6.93	30.84	1473.16
2.7	6.85	30.83	1472.84
3.9	6.79	30.83	1472.62
5.1	6.78	30.83	1472.60
6.4	6.79	30.83	1472.67
7.6	6.79	30.83	1472.70
8.8	6.80	30.83	1472.75
9.9	6.80	30.83	1472.78
12.2	6.85	30.87	1473.05
14.3	6.82	30.92	1473.01
16.5	4.82	31.43	1465.65
18.8	3.71	31.52	1461.15
21.0	3.48	31.63	1460.38
23.1	3.48	31.64	1460.39
25.3	3.37	31.67	1460.03
27.6	3.10	31.69	1458.93
29.8	3.00	31.70	1458.53
32.1	2.94	31.72	1458.36
34.2	2.92	31.75	1458.31
36.3	2.92	31.76	1458.36
38.5	2.89	31.84	1458.36
40.7	2.85	31.85	1458.27
43.0	2.84	31.86	1458.25
45.2	2.81	31.88	1458.21
47.4	2.81	31.88	1458.23
49.5	2.79	31.89	1458.19
51.8	2.75	31.91	1458.10
54.1	2.72	31.95	1458.04
56.4	2.60	31.99	1457.62
58.7	2.42	32.05	1456.96
61.0	2.40	32.03	1456.86
63.1	2.16	32.07	1455.89
65.4	2.18	32.11	1456.08
67.7	2.42	32.07	1457.12
69.9	2.28	32.15	1456.64
72.0	2.14	32.16	1456.09
74.1	2.13	32.17	1456.09
76.2	2.11	32.17	1456.01
78.6	2.10	32.17	1456.01
80.8	2.09	32.17	1456.03
83.0	2.09	32.17	1456.06
85.3	2.09	32.17	1456.10
87.4	2.05	32.17	1455.96
89.5	2.05	32.17	1455.97
91.9	2.00	32.17	1455.81
94.1	1.78	32.13	1454.83
96.2	1.32	32.16	1452.85

MIZPAC 85  
DATE: 85/09/02  
LAT: 71 28.7 N

CAST# 39 DOWN  
TIME: 15:29:45  
LON: 157 05.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.6	5.89	30.83	1469.00
1.7	5.91	30.87	1469.13
2.8	5.75	30.80	1468.41
4.3	5.75	30.78	1468.41
5.4	5.73	30.78	1468.36
6.6	5.64	30.78	1468.00
7.8	5.67	30.79	1468.16
8.9	5.71	30.80	1468.37
10.0	5.84	30.84	1468.95
12.2	5.95	30.83	1469.41
14.4	6.02	30.86	1469.78
16.6	6.06	30.90	1470.02
18.7	6.23	30.93	1470.76
21.1	6.47	31.02	1471.86
23.4	6.50	31.00	1472.01
25.6	6.50	31.00	1472.03
27.8	5.54	30.81	1467.98
30.0	0.44	30.56	1445.67
32.1	1.42	31.05	1450.80
34.2	1.14	31.21	1449.77
36.4	0.08	31.20	1444.95
38.5	-0.70	31.31	1441.53
40.8	-0.13	31.60	1444.61
43.0	0.24	31.69	1446.46
45.1	0.51	31.76	1447.82
47.3	0.01	31.73	1445.52
49.4	0.09	31.82	1446.06
51.7	0.55	31.89	1448.30
53.8	0.89	31.84	1449.79
56.1	0.76	31.95	1449.39
58.2	0.86	31.95	1449.86
60.3	1.16	32.05	1451.39
62.4	1.55	32.06	1453.18
64.4	1.56	32.04	1453.23
66.8	1.80	32.08	1454.40
68.9	1.73	32.10	1454.16
71.2	1.52	32.13	1453.27
73.5	1.46	32.14	1453.05
75.8	1.38	32.14	1452.73
77.9	1.29	32.15	1452.39
80.1	1.21	32.17	1452.10
82.3	1.11	32.16	1451.69
84.5	0.87	32.23	1450.68
86.8	0.67	32.24	1449.86
89.0	0.37	32.29	1448.60
91.1	0.07	32.31	1447.29
93.2	-0.20	32.36	1446.12
95.4	-0.36	32.38	1445.42
97.8	-0.70	32.42	1443.93
100.2	-0.50	33.51	1446.38
102.4	0.01	34.57	1450.21
104.5	0.10	34.72	1450.86
106.6	0.10	34.73	1450.90
108.8	0.10	34.73	1450.93
111.0	0.10	34.73	1450.96
113.1	0.10	34.74	1451.00
115.3	0.10	34.74	1451.06
117.5	0.11	34.74	1451.10
119.6	0.11	34.74	1451.15

MIZPAC 85  
DATE: 85/09/02  
LAT: 71 32.5 N

CAST# 40 DOWN  
TIME: 16:58:57  
LON: 156 36.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	4.71	30.50	1463.74
1.5	4.90	30.46	1464.49
2.7	4.87	30.53	1464.47
3.9	5.08	30.53	1465.36
5.0	4.93	30.31	1464.50
6.1	5.38	30.66	1466.78
7.2	5.46	30.65	1467.13
8.4	5.45	30.66	1467.11
9.8	5.37	30.69	1466.86
11.9	5.39	30.67	1466.93
14.1	3.99	30.83	1461.38
16.2	2.71	31.32	1456.55
18.4	2.29	31.50	1455.00
20.6	2.52	31.69	1456.30
22.7	2.61	31.70	1456.73
24.8	2.67	31.80	1457.16
27.0	2.77	31.74	1457.53
29.3	2.79	31.75	1457.67
31.4	2.86	31.77	1458.02
33.5	2.93	31.78	1458.41
35.7	2.93	31.83	1458.48
37.8	2.79	31.89	1458.01
39.9	2.71	31.96	1457.79
42.1	2.71	31.99	1457.86
44.2	2.68	32.03	1457.82
46.3	2.62	32.02	1457.59
48.5	2.45	32.08	1456.94
50.6	2.43	32.09	1456.92
52.7	2.46	32.10	1457.10
55.0	2.45	32.10	1457.07
57.1	2.42	32.10	1456.99
59.2	2.39	32.11	1456.90
61.4	2.35	32.12	1456.77
63.5	2.31	32.13	1456.65
65.7	2.28	32.14	1456.58
67.9	2.25	32.15	1456.48
70.0	2.10	32.13	1455.84
72.1	1.79	32.16	1454.55
74.2	1.54	32.19	1453.49
76.3	1.30	32.19	1452.47
78.4	1.02	32.17	1451.23
80.6	0.95	32.20	1450.96
82.7	0.86	32.32	1450.76
84.8	1.05	32.25	1451.54
87.0	0.68	32.24	1449.91
89.1	0.22	32.08	1447.62
91.3	-0.23	32.30	1445.88
93.5	-0.44	32.38	1445.02
95.7	-0.56	32.38	1444.50
98.0	-0.83	32.42	1443.32
100.1	-0.97	32.44	1442.76
102.2	-1.60	32.54	1439.92
104.3	-1.69	32.69	1439.71
106.4	-1.70	32.71	1439.73
108.5	-1.71	32.73	1439.75
110.7	-1.71	32.73	1439.78
113.0	-1.71	32.75	1439.84
115.2	-1.70	32.80	1440.01
117.5	-1.65	32.93	1440.43
119.6	-0.82	34.13	1446.04
121.9	-0.63	34.30	1447.18
124.1	-0.37	34.66	1448.90
126.2	0.09	34.76	1451.20
128.3	0.16	34.76	1451.54

MIZPAC 85  
DATE: 85/09/02  
LAT: 71 36.7 N

CAST# 41 DOWN  
TIME: 18:30:48  
LON: 156 08.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	2.45	28.70	1451.76
1.8	2.37	28.65	1451.37
2.9	2.38	28.65	1451.41
4.1	2.39	28.66	1451.53
5.2	2.38	28.64	1451.45
6.3	2.33	28.59	1451.19
7.4	2.26	28.56	1450.84
8.6	2.38	28.72	1451.62
9.8	2.59	29.01	1452.95
12.1	2.45	29.73	1453.27
14.4	0.58	29.47	1444.62
16.5	-1.00	30.59	1438.75
18.6	-1.13	30.79	1438.46
20.8	-1.21	30.94	1438.31
22.9	-1.22	31.01	1438.37
25.0	-1.27	31.22	1438.47
27.2	-1.18	31.39	1439.14
29.4	-1.33	31.63	1438.79
31.6	-1.50	31.73	1438.17
33.7	-1.56	31.87	1438.10
35.8	-1.59	31.95	1438.12
37.9	-1.06	32.14	1440.92
40.1	-0.08	32.12	1445.50
42.2	0.22	32.19	1447.02
44.3	0.79	32.20	1449.66
46.5	1.02	32.24	1450.82
48.6	0.99	32.25	1450.68
50.8	0.96	32.27	1450.60
53.0	0.84	32.28	1450.15
55.2	0.73	32.30	1449.67
57.5	0.44	32.30	1448.42
59.6	0.23	32.31	1447.51
61.8	0.23	32.33	1447.57
63.9	0.04	32.33	1446.73
65.9	-0.08	32.33	1446.21
68.0	-0.38	32.37	1444.89
70.2	-0.65	32.41	1443.72
72.4	-0.83	32.42	1442.94
74.6	-0.97	32.44	1442.34
76.9	-1.02	32.46	1442.16
79.0	-1.05	32.47	1442.08
81.3	-1.08	32.48	1441.98
83.6	-1.13	32.49	1441.79
85.8	-1.15	32.49	1441.75
87.9	-1.21	32.51	1441.49
90.1	-1.31	32.52	1441.09
92.4	-1.45	32.56	1440.49
94.5	-1.47	32.56	1440.46
96.6	-1.48	32.57	1440.44
98.8	-1.49	32.57	1440.43
101.0	-1.50	32.58	1440.41
103.2	-1.57	32.60	1440.16
105.3	-1.64	32.63	1439.90
107.4	-1.70	32.69	1439.75
109.6	-1.70	32.70	1439.78
111.7	-1.70	32.71	1439.82
113.9	-1.70	32.73	1439.87
116.0	-1.70	32.73	1439.91
118.1	-1.70	32.74	1439.95
120.2	-1.70	32.74	1439.99
122.4	-1.70	32.75	1440.04
124.5	-1.70	32.75	1440.08
126.8	-1.70	32.76	1440.14
129.0	-1.68	32.78	1440.31
131.2	-1.66	32.79	1440.42
133.3	-1.66	32.79	1440.48

MIZPAC 85  
DATE: 85/09/02  
LAT: 71 41.3 N

CAST# 42 DOWN  
TIME: 19:59:43  
LON: 155 35.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.0	2.47	27.36	1450.13
2.2	2.44	27.67	1450.41
3.5	2.62	28.88	1452.81
4.5	2.69	28.79	1452.98
5.6	2.59	29.02	1452.88
6.7	2.86	29.46	1454.63
7.8	3.30	29.67	1456.85
9.1	3.20	29.71	1456.49
11.4	2.69	29.74	1454.35
13.6	2.21	29.77	1452.34
15.9	1.45	30.00	1449.27
18.2	0.42	30.29	1445.03
20.3	-0.46	30.66	1441.47
22.5	-1.06	31.11	1439.30
24.6	-0.68	31.33	1441.42
26.7	-0.89	31.43	1440.55
28.9	-1.43	31.57	1438.24
31.2	-1.11	31.73	1440.03
33.2	-1.08	31.80	1440.29
35.3	-1.13	31.84	1440.12
37.4	-1.19	31.90	1439.98
39.6	-1.19	31.91	1440.01
41.7	-1.35	31.96	1439.36
43.8	-1.38	32.00	1439.29
46.1	-1.41	32.03	1439.24
48.3	-1.43	32.07	1439.24
50.4	-1.45	32.11	1439.24
52.7	-1.45	32.19	1439.38
55.0	-1.45	32.21	1439.41
57.3	-1.44	32.24	1439.55
59.6	-1.44	32.28	1439.67
61.8	-1.42	32.29	1439.79
64.0	-1.43	32.33	1439.83
66.1	-1.43	32.35	1439.91
68.2	-1.46	32.37	1439.82
70.5	-1.48	32.39	1439.77
72.8	-1.49	32.41	1439.80
75.0	-1.50	32.42	1439.81
77.2	-1.52	32.44	1439.78
79.6	-1.54	32.45	1439.70
81.9	-1.62	32.49	1439.41
84.2	-1.62	32.53	1439.51
86.3	-1.61	32.55	1439.64
88.6	-1.60	32.56	1439.75
90.9	-1.56	32.58	1439.96
93.2	-1.59	32.58	1439.86
95.3	-1.63	32.61	1439.74
97.4	-1.63	32.62	1439.78
99.7	-1.64	32.63	1439.82
102.0	-1.64	32.64	1439.88
104.4	-1.63	32.66	1439.94
106.7	-1.64	32.69	1440.03
109.0	-1.63	32.70	1440.08
111.4	-1.64	32.72	1440.12
113.6	-1.66	32.75	1440.13
115.7	-1.66	32.78	1440.19
117.8	-1.66	32.79	1440.24

MIZPAC 85  
 DATE: 85/09/02  
 LAT: 71 44.4 N

CAST# 43 DOWN  
 TIME: 21:20:59  
 LON: 155 08.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	3.46	29.38	1457.04	233.8	0.38	34.86	1454.40
1.5	3.45	29.38	1457.03	238.9	0.38	34.86	1454.48
2.7	3.45	29.39	1457.07	244.0	0.38	34.87	1454.57
3.9	3.45	29.38	1457.05	249.3	0.38	34.87	1454.66
5.2	3.63	29.42	1457.87				
6.8	3.45	29.37	1457.10				
8.2	3.45	29.38	1457.11				
9.3	3.45	29.38	1457.13				
10.4	3.45	29.41	1457.20				
12.9	3.92	29.76	1459.68				
15.4	4.18	29.98	1461.10				
17.5	4.49	30.14	1462.64				
19.6	4.68	30.19	1463.52				
21.8	4.84	30.25	1464.30				
24.1	5.24	30.33	1466.07				
26.2	5.68	30.49	1468.11				
28.8	5.78	30.55	1468.63				
31.2	5.68	30.61	1468.36				
33.3	5.58	30.61	1468.00				
35.5	2.41	30.25	1454.18				
37.7	-0.71	30.45	1440.30				
40.0	-1.00	30.57	1439.13				
42.1	-0.90	30.69	1439.77				
44.2	-0.69	30.76	1440.92				
46.3	-0.63	30.92	1441.43				
48.6	-0.55	31.05	1442.02				
50.8	-1.22	31.16	1439.03				
53.1	-1.31	31.25	1438.80				
55.4	-1.33	31.24	1438.70				
57.5	-1.46	31.42	1438.35				
60.0	-1.48	31.51	1438.44				
62.4	-1.42	31.56	1438.83				
64.6	-1.48	31.60	1438.60				
66.7	-1.50	31.63	1438.60				
69.0	-1.52	31.76	1438.69				
71.4	-0.61	32.09	1443.52				
73.5	-0.34	32.02	1444.73				
75.7	0.18	32.24	1447.45				
77.9	0.35	32.36	1448.44				
80.4	0.07	32.50	1447.36				
82.9	-0.45	32.52	1445.02				
85.0	-1.02	32.65	1442.56				
87.3	-1.53	32.76	1440.31				
89.7	-1.64	32.81	1439.90				
92.1	-1.64	32.83	1439.97				
94.3	-1.63	32.88	1440.12				
96.5	-1.62	32.92	1440.25				
98.6	-1.62	32.98	1440.36				
101.0	-1.60	33.03	1440.56				
103.3	-1.60	33.10	1440.72				
105.6	-1.58	33.22	1441.00				
107.8	-1.57	33.24	1441.10				
110.0	-1.55	33.29	1441.30				
112.1	-1.53	33.34	1441.49				
114.8	-1.50	33.38	1441.73				
117.5	-1.48	33.44	1441.97				
119.6	-1.35	33.58	1442.81				
121.8	-1.23	33.66	1443.54				
124.0	-0.95	34.03	1445.36				
126.2	-0.79	34.09	1446.23				
128.4	-0.55	34.24	1447.59				
130.5	-0.46	34.37	1448.21				
132.8	-0.37	34.49	1448.85				
135.1	-0.29	34.56	1449.31				
137.3	-0.24	34.61	1449.67				
139.5	-0.20	34.64	1449.93				
141.8	-0.18	34.64	1450.04				
144.1	-0.16	34.65	1450.17				
146.7	-0.15	34.65	1450.27				
149.4	-0.14	34.65	1450.38				
154.5	-0.07	34.69	1450.81				
159.8	0.02	34.72	1451.37				
165.0	0.07	34.74	1451.72				
170.5	0.14	34.76	1452.15				
175.8	0.18	34.77	1452.45				
181.2	0.22	34.78	1452.70				
186.8	0.25	34.79	1452.94				
191.9	0.27	34.81	1453.15				
197.1	0.28	34.81	1453.29				
202.3	0.33	34.84	1453.63				
207.5	0.35	34.84	1453.79				
213.0	0.37	34.85	1453.99				
218.1	0.37	34.85	1454.07				
223.4	0.37	34.85	1454.18				
228.6	0.38	34.86	1454.29				

MIZPAC 85  
DATE: 85/09/02  
LAT: 71 55.6 N

CAST# 44 DOWN  
TIME: 23:51:10  
LON: 155 01.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.7	3.15	28.70	1454.82	223.0	0.28	34.78	1453.65
1.9	3.28	28.94	1455.73	228.3	0.29	34.78	1453.79
3.3	3.36	28.92	1456.05	233.4	0.30	34.79	1453.91
4.4	3.41	28.90	1456.26	238.5	0.30	34.79	1454.02
5.6	3.15	29.16	1455.52	243.6	0.32	34.79	1454.21
6.7	3.04	29.40	1455.34				
8.0	2.71	29.69	1454.33				
9.2	2.46	29.68	1453.24				
11.4	1.81	29.88	1450.68				
13.7	0.61	30.22	1445.72				
15.8	-0.06	30.55	1443.12				
18.0	-0.52	30.84	1441.39				
20.2	-0.84	31.06	1440.22				
22.4	-1.42	31.25	1437.79				
24.5	-1.39	31.46	1438.23				
26.7	-1.48	31.63	1438.06				
28.9	-1.57	31.91	1438.03				
31.0	-1.60	32.00	1438.07				
33.1	-1.61	32.03	1438.09				
35.2	-1.50	32.12	1438.74				
37.4	-1.03	32.23	1441.16				
39.5	-0.89	32.24	1441.88				
41.8	-0.92	32.32	1441.89				
43.9	-0.93	32.35	1441.90				
46.0	-1.13	32.37	1441.02				
48.3	-1.28	32.43	1440.42				
50.5	-1.32	32.50	1440.35				
52.6	-1.32	32.49	1440.41				
54.7	-1.37	32.51	1440.22				
56.9	-1.45	32.55	1439.93				
59.1	-1.50	32.56	1439.75				
61.5	-1.58	32.56	1439.41				
63.8	-1.64	32.62	1439.24				
65.9	-1.64	32.64	1439.27				
68.0	-1.66	32.66	1439.23				
70.1	-1.66	32.66	1439.27				
72.2	-1.66	32.66	1439.31				
74.6	-1.66	32.67	1439.35				
77.0	-1.66	32.67	1439.38				
79.3	-1.67	32.68	1439.40				
81.6	-1.67	32.69	1439.43				
83.9	-1.68	32.69	1439.46				
86.1	-1.68	32.70	1439.49				
88.3	-1.69	32.71	1439.51				
90.4	-1.69	32.71	1439.55				
92.5	-1.69	32.71	1439.57				
94.6	-1.69	32.71	1439.61				
96.8	-1.69	32.71	1439.64				
99.1	-1.69	32.71	1439.67				
101.3	-1.69	32.72	1439.72				
103.5	-1.69	32.72	1439.76				
105.8	-1.68	32.73	1439.87				
108.2	-1.69	32.75	1439.87				
110.4	-1.69	32.76	1439.94				
112.7	-1.67	32.78	1440.10				
115.1	-1.64	32.79	1440.26				
117.4	-1.58	32.87	1440.69				
119.5	-1.58	32.92	1440.82				
121.6	-1.54	33.02	1441.14				
123.9	-1.50	33.21	1441.64				
126.0	-1.43	33.52	1442.43				
128.2	-1.43	33.54	1442.49				
130.3	-1.29	33.80	1443.54				
132.7	-1.15	33.96	1444.45				
135.0	-0.83	34.23	1446.36				
137.3	-0.80	34.26	1446.61				
139.4	-0.78	34.29	1446.76				
141.5	-0.74	34.33	1447.04				
143.6	-0.68	34.42	1447.46				
145.9	-0.58	34.44	1447.97				
148.0	-0.45	34.51	1448.72				
150.1	-0.44	34.51	1448.81				
155.4	-0.36	34.55	1449.33				
160.8	-0.30	34.58	1449.72				
166.1	-0.25	34.60	1450.08				
171.2	-0.20	34.63	1450.41				
176.5	-0.18	34.64	1450.62				
181.7	-0.12	34.66	1451.02				
186.8	-0.01	34.70	1451.63				
191.9	0.08	34.72	1452.17				
197.2	0.10	34.73	1452.34				
202.3	0.18	34.75	1452.84				
207.6	0.22	34.76	1453.10				
212.8	0.26	34.77	1453.38				
217.9	0.28	34.78	1453.55				



MIZPAC 85  
 DATE: 85/09/03  
 LAT: 72 03.9 N

CAST# 45 DOWN  
 TIME: 01:09:21  
 LON: 154 53.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.1	-0.62	26.45	1434.79	206.3	0.09	34.73	1452.44
0.0	-0.14	26.00	1436.44	211.4	0.12	34.74	1452.69
1.4	-0.10	25.99	1436.62	216.5	0.14	34.74	1452.86
0.0	-0.12	25.99	1436.52	221.7	0.16	34.75	1453.06
1.5	-0.09	25.98	1436.63	226.9	0.19	34.76	1453.29
2.6	-0.44	27.38	1436.90	232.3	0.21	34.76	1453.47
3.8	0.65	27.95	1442.76	237.5	0.22	34.77	1453.61
4.9	0.23	28.43	1441.44	242.8	0.23	34.77	1453.76
6.3	2.20	29.17	1451.36	248.0	0.26	34.78	1453.97
7.4	2.26	29.24	1451.74	253.2	0.28	34.78	1454.14
8.5	1.80	29.43	1449.98	258.5	0.29	34.79	1454.30
9.8	1.78	29.49	1450.00	263.8	0.31	34.79	1454.48
11.9	0.45	30.03	1444.71	269.1	0.32	34.80	1454.60
14.3	-0.95	29.89	1438.04	274.4	0.33	34.80	1454.75
16.4	0.23	30.34	1444.21	279.5	0.34	34.80	1454.90
18.6	-0.59	30.74	1440.92	284.7	0.35	34.81	1455.01
20.8	0.00	31.27	1444.42	289.9	0.35	34.81	1455.13
22.9	-1.09	31.46	1439.61	295.0	0.36	34.81	1455.24
25.0	-1.04	31.65	1440.12	300.2	0.36	34.81	1455.34
27.1	-1.07	31.73	1440.13	310.4	0.37	34.81	1455.52
29.3	-1.30	31.87	1439.29	320.6	0.37	34.82	1455.72
31.6	-1.24	31.94	1439.71	330.7	0.37	34.82	1455.89
34.0	-1.43	32.01	1438.94	340.8	0.38	34.83	1456.08
36.4	-1.34	32.11	1439.53	351.1	0.38	34.83	1456.28
38.8	-1.14	32.13	1440.55	361.5	0.38	34.83	1456.46
41.1	-1.36	32.22	1439.65	371.7	0.39	34.84	1456.66
43.2	-0.88	32.25	1442.00	382.1	0.40	34.84	1456.86
45.5	-0.98	32.25	1441.55				
47.6	-1.26	32.41	1440.51				
50.0	-1.24	32.34	1440.54				
52.3	-1.49	32.37	1439.43				
54.4	-1.50	32.41	1439.45				
56.5	-1.54	32.44	1439.35				
58.6	-1.56	32.46	1439.30				
61.0	-1.55	32.50	1439.43				
63.3	-1.57	32.53	1439.41				
65.4	-1.60	32.55	1439.36				
67.8	-1.63	32.57	1439.29				
69.9	-1.63	32.58	1439.32				
72.0	-1.62	32.59	1439.41				
74.3	-1.61	32.60	1439.50				
76.5	-1.60	32.65	1439.64				
78.8	-1.63	32.67	1439.56				
81.2	-1.64	32.69	1439.60				
83.3	-1.64	32.70	1439.64				
85.5	-1.64	32.72	1439.69				
87.7	-1.65	32.73	1439.69				
90.0	-1.67	32.74	1439.67				
92.1	-1.64	32.75	1439.84				
94.2	-1.64	32.77	1439.90				
96.4	-1.63	32.80	1440.02				
98.5	-1.63	32.83	1440.14				
100.9	-1.62	32.88	1440.29				
103.2	-1.59	32.94	1440.50				
105.3	-1.61	32.99	1440.54				
107.4	-1.61	33.02	1440.58				
109.6	-1.62	33.08	1440.67				
111.8	-1.56	33.16	1441.10				
114.1	-1.62	33.24	1440.96				
116.3	-1.64	33.27	1440.96				
118.6	-1.63	33.32	1441.11				
120.7	-1.60	33.37	1441.35				
123.0	-1.60	33.42	1441.45				
125.1	-1.59	33.45	1441.57				
127.2	-1.62	33.49	1441.52				
129.3	-1.57	33.55	1441.85				
131.4	-1.56	33.56	1441.98				
133.8	-1.46	33.68	1442.63				
136.1	-1.35	33.75	1443.31				
138.3	-1.41	33.78	1443.07				
140.5	-1.41	33.86	1443.24				
142.7	-1.33	33.92	1443.74				
145.0	-1.26	33.96	1444.14				
147.4	-1.32	34.00	1443.97				
149.7	-1.27	34.03	1444.29				
155.0	-1.05	34.14	1445.55				
160.1	-0.87	34.29	1446.67				
165.2	-0.73	34.37	1447.54				
170.3	-0.64	34.45	1448.10				
175.4	-0.58	34.49	1448.55				
180.5	-0.43	34.56	1449.43				
185.7	-0.35	34.58	1449.90				
190.8	-0.20	34.65	1450.77				
196.0	-0.06	34.69	1451.55				
201.2	0.02	34.71	1452.01				

MIZPAC 85  
 DATE: 85/09/03  
 LAT: 72 13.5 N

CAST# 46 DOWN  
 TIME: 02:54:26  
 LON: 154 48.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.6	0.31	23.32	1434.95	216.6	0.06	34.74	1452.49
1.9	2.97	28.80	1454.19	221.8	0.13	34.75	1452.89
3.0	3.14	28.32	1454.35	227.0	0.17	34.76	1453.20
4.1	3.01	28.53	1454.03	232.2	0.21	34.77	1453.48
5.2	3.82	29.00	1458.16	237.4	0.24	34.78	1453.69
6.4	3.88	29.06	1458.52	242.7	0.28	34.79	1453.97
7.6	3.92	29.09	1458.76	247.8	0.30	34.79	1454.18
8.6	3.95	29.10	1458.89	253.0	0.31	34.80	1454.33
9.7	3.94	29.12	1458.88	258.1	0.34	34.81	1454.51
11.9	4.04	29.32	1459.60	263.3	0.35	34.81	1454.70
14.1	4.36	29.40	1461.10	268.4	0.37	34.82	1454.84
16.3	2.87	29.45	1454.85	273.5	0.38	34.83	1455.00
18.5	1.68	29.86	1450.18	278.7	0.38	34.83	1455.10
20.8	0.36	30.14	1444.59	283.9	0.39	34.83	1455.22
23.1	0.56	30.51	1446.06	289.1	0.39	34.84	1455.34
25.4	-0.06	30.82	1443.62	294.4	0.40	34.84	1455.44
27.5	-0.23	31.25	1443.45	299.6	0.41	34.85	1455.56
29.6	-0.47	31.31	1442.43	310.1	0.41	34.85	1455.76
31.7	-0.76	31.47	1441.32	320.3	0.41	34.85	1455.96
33.8	-1.03	31.68	1440.37	330.4	0.42	34.86	1456.15
36.1	-1.41	31.81	1438.77	340.5	0.42	34.87	1456.34
38.2	-1.28	31.94	1439.63	350.9	0.42	34.87	1456.52
40.4	-1.24	32.01	1439.94	361.2	0.42	34.87	1456.68
42.5	-1.30	32.05	1439.73	371.3	0.42	34.87	1456.85
44.6	-1.37	32.10	1439.51	381.5	0.43	34.88	1457.04
46.8	-1.39	32.09	1439.41	391.8	0.43	34.88	1457.22
49.0	-1.30	32.18	1440.02	402.1	0.43	34.88	1457.41
51.1	-1.43	32.22	1439.49	412.6	0.44	34.88	1457.60
53.3	-1.40	32.28	1439.72	422.7	0.43	34.89	1457.74
55.6	-1.46	32.31	1439.51	432.8	0.43	34.89	1457.90
57.9	-1.49	32.36	1439.51	443.0	0.43	34.89	1458.08
60.0	-1.25	32.40	1440.71	453.1	0.43	34.89	1458.25
62.1	-1.13	32.42	1441.35	463.5	0.43	34.89	1458.42
64.2	-1.19	32.43	1441.12	474.0	0.43	34.89	1458.60
66.5	-1.29	32.47	1440.71	484.4	0.43	34.89	1458.76
68.8	-1.36	32.49	1440.47	494.7	0.43	34.89	1458.91
70.9	-1.39	32.52	1440.39	505.2	0.42	34.90	1459.07
73.1	-1.38	32.56	1440.52	515.4	0.42	34.90	1459.22
75.3	-1.44	32.58	1440.31	525.6	0.41	34.90	1459.38
77.4	-1.63	32.60	1439.48	535.8	0.41	34.90	1459.52
79.5	-1.63	32.63	1439.55	546.0	0.41	34.90	1459.67
81.7	-1.63	32.66	1439.59	556.2	0.40	34.90	1459.81
83.8	-1.64	32.68	1439.63	566.6	0.40	34.90	1459.96
86.0	-1.64	32.71	1439.69	576.8	0.39	34.90	1460.10
88.1	-1.65	32.73	1439.72	586.9	0.38	34.90	1460.24
90.2	-1.64	32.76	1439.82	597.0	0.38	34.90	1460.38
92.3	-1.64	32.78	1439.89	607.2	0.37	34.90	1460.52
94.5	-1.52	32.85	1440.59	617.8	0.37	34.90	1460.68
96.6	-1.54	32.94	1440.64	628.1	0.36	34.90	1460.83
98.9	-1.59	33.01	1440.56	638.3	0.36	34.90	1460.99
101.2	-1.60	33.06	1440.62	648.4	0.35	34.91	1461.13
103.5	-1.60	33.10	1440.72	658.6	0.35	34.91	1461.26
105.6	-1.59	33.13	1440.81	668.9	0.34	34.91	1461.40
107.8	-1.58	33.20	1441.00	679.2	0.33	34.91	1461.54
109.9	-1.59	33.22	1441.00	689.6	0.33	34.91	1461.70
112.0	-1.58	33.25	1441.11				
114.3	-1.58	33.32	1441.25				
116.5	-1.57	33.38	1441.42				
118.8	-1.52	33.42	1441.73				
120.9	-1.50	33.49	1441.99				
123.0	-1.54	33.54	1441.90				
125.1	-1.47	33.61	1442.34				
127.4	-1.50	33.63	1442.29				
129.4	-1.49	33.67	1442.40				
131.8	-1.43	33.73	1442.84				
134.0	-1.38	33.80	1443.19				
136.3	-1.35	33.87	1443.48				
138.6	-1.37	33.95	1443.53				
140.7	-1.32	33.99	1443.82				
142.8	-1.34	34.02	1443.80				
144.9	-1.36	34.06	1443.82				
147.0	-1.27	34.12	1444.36				
149.3	-1.18	34.16	1444.84				
154.5	-1.00	34.26	1445.94				
159.8	-0.81	34.36	1447.03				
165.0	-0.65	34.44	1447.96				
170.1	-0.58	34.49	1448.45				
175.2	-0.50	34.53	1448.94				
180.3	-0.43	34.57	1449.42				
185.5	-0.38	34.59	1449.78				
190.6	-0.30	34.62	1450.26				
195.7	-0.22	34.65	1450.76				
201.0	-0.17	34.67	1451.11				
206.2	-0.08	34.69	1451.62				
211.4	-0.02	34.71	1452.02				

MIZPAC 85  
 DATE: 85/09/03  
 LAT: 72 04.1 N

CAST# 47 DOWN  
 TIME: 05:31:26  
 LON: 155 36.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	2.09	27.70	1448.85
1.3	2.05	27.70	1448.69
0.2	1.95	27.54	1448.01
1.8	2.10	27.72	1448.95
2.8	2.17	27.71	1449.26
4.0	2.14	27.61	1449.04
5.1	1.84	27.63	1447.71
6.2	2.04	27.58	1448.59
7.4	2.11	27.78	1449.16
8.4	2.16	27.94	1449.61
9.6	2.34	28.17	1450.75
11.8	2.33	28.21	1450.76
14.1	1.63	29.83	1449.83
16.2	1.30	30.25	1448.94
18.3	0.87	30.21	1446.99
20.4	0.13	31.04	1444.74
22.6	-0.10	31.15	1443.84
24.8	-0.41	31.31	1442.64
26.9	-0.90	31.56	1440.71
29.0	-1.03	31.70	1440.32
31.3	-1.06	31.77	1440.31
33.4	-1.22	31.90	1439.78
35.5	-1.13	31.92	1440.23
37.6	-1.32	31.97	1439.46
39.7	-1.38	32.03	1439.27
41.8	-1.41	32.07	1439.22
43.9	-1.42	32.15	1439.31
46.2	-1.45	32.19	1439.26
48.3	-1.39	32.22	1439.64
50.5	-1.46	32.26	1439.37
52.6	-1.51	32.29	1439.24
54.7	-1.48	32.35	1439.49
56.8	-1.50	32.38	1439.46
58.9	-1.51	32.40	1439.44
61.2	-1.51	32.42	1439.52
63.3	-1.55	32.47	1439.45
65.5	-1.56	32.48	1439.45
67.6	-1.59	32.50	1439.38
69.7	-1.60	32.52	1439.36
71.8	-1.61	32.56	1439.42
73.9	-1.61	32.56	1439.45
76.1	-1.62	32.58	1439.45
78.2	-1.60	32.60	1439.60
80.3	-1.60	32.64	1439.71
82.6	-1.63	32.65	1439.61
84.9	-1.64	32.68	1439.63
87.2	-1.51	32.71	1440.34
89.4	-1.54	32.72	1440.26
91.6	-1.58	32.77	1440.15
93.9	-1.56	32.79	1440.32
96.1	-1.57	32.83	1440.35
98.3	-1.56	32.86	1440.47
100.4	-1.58	32.88	1440.46
102.6	-1.58	32.90	1440.51
104.8	-1.59	32.93	1440.53
106.9	-1.59	32.98	1440.64
109.1	-1.61	33.01	1440.62
111.2	-1.61	33.06	1440.74
113.4	-1.58	33.13	1440.97
115.5	-1.57	33.15	1441.09
117.7	-1.63	33.20	1440.90
119.8	-1.62	33.22	1441.04
121.9	-1.57	33.27	1441.38
124.1	-1.63	33.31	1441.14
126.2	-1.62	33.36	1441.33
128.3	-1.61	33.40	1441.45
130.4	-1.58	33.45	1441.68
132.7	-1.57	33.50	1441.86
135.1	-1.55	33.57	1442.09
137.4	-1.50	33.60	1442.40
139.6	-1.48	33.66	1442.62
141.7	-1.39	33.73	1443.17
144.0	-1.39	33.78	1443.28
146.1	-1.48	33.84	1442.98
148.4	-1.35	33.92	1443.71
153.7	-1.32	34.03	1444.11
159.1	-1.35	34.14	1444.20
164.2	-0.93	34.29	1446.46
169.5	-0.66	34.44	1448.00
174.6	-0.48	34.53	1449.04
179.8	-0.41	34.56	1449.50
184.9	-0.30	34.60	1450.12
190.0	-0.23	34.63	1450.59

MIZPAC 85  
 DATE: 85/09/03  
 LAT: 72 01.9 N

CAST# 48 DOWN  
 TIME: 06:49:46  
 LON: 155 29.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	2.82	28.05	1452.53
1.2	2.76	28.07	1452.32
2.6	2.76	28.07	1452.36
3.8	2.81	28.06	1452.56
4.9	2.85	28.06	1452.79
6.2	2.81	28.06	1452.60
7.4	2.73	28.09	1452.33
8.5	2.55	28.11	1451.56
9.7	2.70	29.21	1453.69
11.9	2.83	29.28	1454.36
14.1	3.58	29.65	1458.11
16.2	3.15	29.79	1456.48
18.4	1.02	30.39	1447.89
20.6	-0.66	30.86	1440.81
22.7	-1.03	31.26	1439.64
24.8	-1.42	31.46	1438.10
27.0	-1.43	31.66	1438.33
29.1	-1.35	31.68	1438.82
31.4	-1.49	31.83	1438.36
34.1	-1.54	31.91	1438.29
36.3	-1.53	32.00	1438.50
38.6	-1.54	32.06	1438.52
40.7	-1.61	32.14	1438.35
42.9	-1.62	32.19	1438.42
45.0	-1.64	32.25	1438.41
47.2	-1.62	32.33	1438.64
49.3	-1.61	32.35	1438.77
51.4	-1.61	32.41	1438.87
53.6	-1.65	32.44	1438.79
55.7	-1.62	32.48	1439.03
57.9	-1.57	32.51	1439.34
60.0	-1.57	32.54	1439.42
62.2	-1.62	32.56	1439.22
64.3	-1.63	32.56	1439.23
66.4	-1.64	32.59	1439.21
68.5	-1.65	32.62	1439.24
70.8	-1.66	32.65	1439.30
73.0	-1.65	32.65	1439.39
75.1	-1.65	32.68	1439.44
77.2	-1.66	32.70	1439.47
79.3	-1.66	32.71	1439.48
81.5	-1.67	32.72	1439.51
83.8	-1.67	32.74	1439.55
86.1	-1.68	32.75	1439.56
88.4	-1.69	32.76	1439.58
90.6	-1.69	32.77	1439.61
92.8	-1.71	32.78	1439.59
95.1	-1.72	32.79	1439.60
97.3	-1.72	32.79	1439.63
99.4	-1.72	32.79	1439.66
101.7	-1.71	32.80	1439.73
103.9	-1.67	32.84	1440.01
106.0	-1.66	32.85	1440.11
108.1	-1.65	32.89	1440.28
110.2	-1.62	32.97	1440.55
112.5	-1.51	33.15	1441.35
114.8	-1.45	33.31	1441.90
117.1	-1.51	33.39	1441.75
119.3	-1.46	33.47	1442.13
121.4	-1.48	33.53	1442.17
123.5	-1.49	33.57	1442.20
125.8	-1.37	33.71	1442.98
127.9	-1.39	33.77	1443.03
130.0	-1.36	33.84	1443.30
132.2	-1.30	33.92	1443.69
134.4	-1.36	33.95	1443.52
136.6	-1.41	34.02	1443.38
138.8	-1.45	34.03	1443.25
140.9	-1.48	34.09	1443.23
143.1	-1.19	34.13	1444.71

MIZPAC 85  
DATE: 85/09/03  
LAT: 71 58.1

CAST# 49 DOWN  
TIME: 08:12:50  
LON: 155 26.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.8	3.28	27.65	1454.02
1.9	3.59	28.39	1456.32
3.1	3.54	29.03	1456.99
4.3	3.48	29.27	1457.06
5.6	3.75	29.51	1458.53
6.7	3.87	29.55	1459.08
7.8	3.58	29.66	1458.04
8.9	3.17	29.66	1456.30
10.1	2.92	29.79	1455.40
12.3	1.20	30.12	1448.23
14.5	-0.38	30.83	1441.99
16.7	-0.69	31.07	1440.86
18.8	-0.87	31.32	1440.40
20.9	-1.17	31.49	1439.26
23.2	-1.25	31.67	1439.14
25.4	-1.27	31.76	1439.19
27.5	-1.17	31.84	1439.83
29.8	-1.23	31.90	1439.64
32.1	-1.39	32.01	1439.07
34.4	-1.37	32.07	1439.31
36.5	-1.56	32.10	1438.48
38.6	-1.42	32.17	1439.28
40.8	-1.48	32.18	1439.01
42.9	-1.56	32.30	1438.84
45.1	-1.52	32.34	1439.10
47.4	-1.50	32.37	1439.27
49.5	-1.52	32.40	1439.27
51.8	-1.56	32.43	1439.14
53.9	-1.59	32.47	1439.09
56.0	-1.61	32.50	1439.10
58.3	-1.62	32.53	1439.13
60.4	-1.63	32.56	1439.15
62.5	-1.63	32.57	1439.20
64.6	-1.62	32.58	1439.29
66.9	-1.61	32.59	1439.36
69.2	-1.64	32.62	1439.31
71.3	-1.65	32.65	1439.34
73.5	-1.65	32.69	1439.40
75.8	-1.66	32.70	1439.43
78.1	-1.69	32.73	1439.36
80.4	-1.70	32.75	1439.37
82.8	-1.71	32.76	1439.39
85.0	-1.71	32.77	1439.45
87.1	-1.71	32.78	1439.47
89.4	-1.71	32.78	1439.50
91.7	-1.71	32.78	1439.53
94.0	-1.72	32.78	1439.57
96.1	-1.71	32.78	1439.60
98.2	-1.71	32.79	1439.65
100.3	-1.71	32.80	1439.73
102.6	-1.67	32.85	1440.01
104.9	-1.67	32.88	1440.08
107.2	-1.63	32.97	1440.45
109.3	-1.59	33.06	1440.78
111.6	-1.57	33.11	1440.99
113.7	-1.49	33.24	1441.58
115.9	-1.30	33.51	1442.89
118.2	-1.11	33.96	1444.41
120.5	-1.01	34.09	1445.11
122.6	-0.92	34.19	1445.69
124.8	-0.88	34.25	1445.99
127.1	-0.75	34.34	1446.79
129.4	-0.62	34.39	1447.49
131.6	-0.54	34.48	1448.02
133.7	-0.46	34.52	1448.44
136.0	-0.40	34.56	1448.85
138.2	-0.38	34.56	1448.95
140.5	-0.31	34.59	1449.34
142.7	-0.26	34.61	1449.67
144.9	-0.26	34.61	1449.68
147.2	-0.29	34.63	1449.62
149.4	-0.26	34.64	1449.80
154.6	-0.19	34.66	1450.26
159.9	-0.12	34.68	1450.68
165.0	0.02	34.72	1451.44
170.1	0.07	34.74	1451.80
175.3	0.14	34.76	1452.21
180.5	0.22	34.78	1452.68
185.7	0.28	34.81	1453.11

MIZPAC 85  
DATE: 85/09/03  
LAT: 71 56.7 N

CAST# 50 DOWN  
TIME: 09:20:22  
LON: 155 23.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.6	2.32	28.82	1451.35
1.8	2.32	28.82	1451.38
2.9	2.36	28.82	1451.58
4.2	2.33	28.80	1451.41
5.3	2.32	28.81	1451.40
6.4	2.31	28.81	1451.41
7.5	2.39	28.98	1451.96
8.7	3.21	29.42	1456.17
9.8	3.60	29.60	1458.08
12.0	2.99	29.74	1455.67
14.2	1.24	30.00	1448.29
16.3	0.52	30.31	1445.48
18.4	1.20	30.54	1448.89
20.5	2.00	31.44	1453.70
22.6	3.30	31.42	1459.32
24.9	2.92	31.50	1457.84
27.1	2.68	31.46	1456.78
29.2	0.15	31.41	1445.46
31.5	-0.98	31.51	1440.33
33.8	-1.23	31.69	1439.44
36.1	-1.26	31.79	1439.45
38.4	-1.37	31.90	1439.12
40.7	-1.45	31.97	1438.89
42.9	-1.39	32.04	1439.30
45.0	-1.48	32.09	1438.97
47.2	-1.41	32.16	1439.42
49.3	-1.41	32.18	1439.49
51.6	-1.44	32.23	1439.47
53.8	-1.56	32.33	1439.06
56.1	-1.50	32.37	1439.42
58.2	-1.58	32.41	1439.13
60.3	-1.57	32.49	1439.32
62.5	-1.60	32.52	1439.24
64.9	-1.61	32.55	1439.28
67.2	-1.65	32.60	1439.20
69.5	-1.65	32.65	1439.28
71.8	-1.66	32.67	1439.32
74.1	-1.66	32.68	1439.37
76.4	-1.66	32.70	1439.42
78.7	-1.66	32.72	1439.49
80.8	-1.66	32.73	1439.52
83.1	-1.67	32.74	1439.56
85.4	-1.69	32.76	1439.53
87.5	-1.68	32.77	1439.59
89.8	-1.69	32.78	1439.62
92.1	-1.68	32.81	1439.73
94.3	-1.69	32.81	1439.75
96.6	-1.69	32.83	1439.79
98.9	-1.68	32.85	1439.90
101.2	-1.67	32.90	1440.03
103.3	-1.64	32.96	1440.29
105.4	-1.62	33.02	1440.54
107.7	-1.59	33.09	1440.79
109.9	-1.42	33.34	1441.99
112.0	-1.26	33.65	1443.21
114.2	-0.86	34.06	1445.65
116.5	-0.85	34.18	1445.94
118.7	-0.67	34.33	1446.97
120.8	-0.61	34.41	1447.40
123.0	-0.54	34.50	1447.91
125.2	-0.40	34.56	1448.65
127.4	-0.37	34.57	1448.87
129.6	-0.33	34.58	1449.09
131.7	-0.31	34.60	1449.23
133.9	-0.28	34.60	1449.42
136.1	-0.26	34.62	1449.56
138.4	-0.17	34.65	1450.06
140.5	-0.16	34.65	1450.14
142.7	-0.13	34.67	1450.33
144.9	-0.08	34.68	1450.59
147.2	-0.08	34.68	1450.65



MIZPAC 85  
DATE: 85/09/03  
LAT: 71 53.5 N

CAST# 51 DOWN  
TIME: 10:43:57  
LON: 155 18.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	4.01	29.82	1459.93
1.5	4.00	29.77	1459.86
2.8	3.99	29.71	1459.76
4.0	3.88	29.66	1459.24
5.2	4.28	29.95	1461.31
6.4	4.85	30.38	1464.27
7.6	5.31	30.43	1466.24
8.8	5.41	30.58	1466.88
10.0	5.42	30.60	1466.96
12.1	5.18	30.74	1466.18
14.4	5.02	30.80	1465.64
16.6	4.87	30.84	1465.10
18.8	4.38	31.00	1463.32
20.9	4.06	31.09	1462.10
23.1	3.68	31.22	1460.72
25.2	3.10	31.37	1458.47
27.3	1.44	31.32	1451.13
29.5	-0.95	31.35	1440.22
31.6	-0.02	31.74	1445.13
33.8	0.95	31.70	1449.53
36.0	1.69	31.78	1453.00
38.1	1.88	31.75	1453.85
40.4	1.77	31.86	1453.55
42.5	1.76	31.88	1453.54
44.7	1.11	32.01	1450.85
46.9	1.02	32.11	1450.63
49.0	0.92	32.13	1450.23
51.2	0.83	32.15	1449.89
53.3	0.82	32.15	1449.89
55.5	0.79	32.16	1449.78
57.7	0.65	32.14	1449.15
59.9	0.31	32.13	1447.62
62.1	-0.16	32.14	1445.51
64.3	-0.55	32.33	1444.01
66.5	-0.65	32.37	1443.62
68.7	-0.61	32.35	1443.81
70.9	-0.74	32.49	1443.40
73.0	-0.98	32.48	1442.34
75.2	-1.25	32.52	1441.15
77.5	-1.55	32.56	1439.78
79.6	-1.58	32.63	1439.78
81.8	-1.58	32.67	1439.88
84.0	-1.61	32.78	1439.92
86.2	-1.51	32.85	1440.52
88.4	-1.45	32.85	1440.84
90.6	-1.38	32.87	1441.24
92.9	-1.36	32.89	1441.41
95.2	-1.43	32.94	1441.18
97.4	-1.36	33.09	1441.76
99.5	-1.24	33.27	1442.60
101.6	-1.18	33.74	1443.51
103.7	-1.08	33.89	1444.24
106.1	-0.95	34.00	1445.03
108.4	-0.85	34.11	1445.70
110.8	-0.67	34.33	1446.88
113.1	-0.59	34.39	1447.35
115.4	-0.54	34.47	1447.73
117.6	-0.47	34.50	1448.13
119.9	-0.44	34.53	1448.35
122.0	-0.36	34.57	1448.81
124.1	-0.34	34.57	1448.93
126.2	-0.24	34.62	1449.50
128.2	-0.22	34.62	1449.62
130.4	-0.21	34.62	1449.71
132.5	-0.19	34.63	1449.82
134.7	-0.15	34.65	1450.07
136.8	-0.15	34.65	1450.13
139.0	-0.07	34.70	1450.57
141.2	0.01	34.72	1451.02
143.5	0.06	34.74	1451.31
145.7	0.23	34.81	1452.22
148.0	0.31	34.82	1452.63

MIZPAC 85  
DATE: 85/09/03  
LAT: 71 50.3 N

CAST# 52 DOWN  
TIME: 11:49:58  
LON: 155 14.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	1.96	27.29	1447.77
1.2	1.87	27.30	1447.37
2.4	1.86	27.30	1447.37
3.7	1.82	27.40	1447.34
4.8	1.37	28.12	1446.27
6.0	1.42	28.51	1447.03
7.2	1.34	28.77	1447.02
8.4	2.36	29.09	1452.02
9.6	1.76	29.40	1449.77
11.8	2.07	29.72	1451.62
13.9	3.18	29.87	1456.68
16.1	4.23	30.32	1461.78
18.3	2.11	30.10	1452.41
20.4	-0.18	30.39	1442.41
22.6	-0.31	30.63	1442.17
24.7	-0.72	30.82	1440.55
26.8	-0.76	30.96	1440.57
28.9	-0.92	31.05	1439.96
31.2	-1.11	31.14	1439.23
33.3	-1.31	31.24	1438.44
35.4	-1.33	31.36	1438.56
37.5	-1.50	31.47	1437.95
39.7	-1.51	31.62	1438.12
41.8	-1.52	31.67	1438.18
43.9	-1.53	31.84	1438.39
46.1	-1.53	31.86	1438.45
48.2	-1.51	31.92	1438.64
50.3	-1.51	31.99	1438.78
52.5	-1.51	32.06	1438.89
54.6	-0.67	32.25	1443.20
56.8	-0.66	31.86	1442.73
58.9	-1.46	32.29	1439.54
61.0	-0.78	32.35	1442.89
63.1	-0.69	32.38	1443.38
65.2	-0.68	32.40	1443.51
67.4	-0.71	32.42	1443.42
69.5	-0.89	32.47	1442.66
71.8	-1.20	32.56	1441.38
74.0	-1.11	32.63	1441.93
76.1	-0.99	33.11	1443.16
78.4	-0.91	33.33	1443.88
80.6	-1.08	33.62	1443.52
83.0	-0.86	33.90	1444.96
85.1	-0.70	34.03	1445.90
87.2	-0.58	34.18	1446.69
89.5	-0.50	34.28	1447.25
91.7	-0.46	34.32	1447.55
93.9	-0.40	34.38	1447.95
96.2	-0.29	34.47	1448.59
98.3	-0.25	34.53	1448.90
100.6	-0.18	34.54	1449.24
102.7	-0.17	34.56	1449.37
104.9	-0.15	34.57	1449.51
107.1	-0.14	34.60	1449.63
109.3	-0.10	34.64	1449.89
111.5	0.01	34.68	1450.50
113.7	0.03	34.69	1450.64
115.9	0.04	34.69	1450.71
118.1	0.05	34.70	1450.81
120.2	0.06	34.71	1450.88
122.4	0.07	34.71	1450.97
124.5	0.08	34.72	1451.06
126.7	0.10	34.74	1451.22
128.9	0.15	34.74	1451.51
131.0	0.16	34.75	1451.58
133.2	0.18	34.76	1451.72
135.4	0.22	34.76	1451.98
137.5	0.25	34.77	1452.15
139.6	0.27	34.78	1452.25
141.7	0.27	34.78	1452.31
143.9	0.28	34.79	1452.38
146.0	0.28	34.79	1452.43
148.2	0.29	34.79	1452.50



MIZPAC 85  
DATE: 85/09/03  
LAT: 71 47.6 N

CAST# 53 DOWN  
TIME: 12:51:03  
LON: 155 11.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	1.79	26.13	1445.49
1.2	2.07	26.84	1447.67
2.4	1.99	27.14	1447.75
3.7	1.96	27.47	1448.03
4.8	1.96	27.75	1448.41
6.0	2.33	28.46	1451.03
7.1	3.06	29.22	1455.21
8.2	3.40	29.44	1456.99
9.4	3.43	29.45	1457.14
11.6	3.50	29.53	1457.58
13.7	4.05	30.00	1460.56
15.9	5.09	30.32	1465.35
18.1	4.75	30.16	1463.79
20.4	2.90	29.77	1455.44
22.7	1.53	30.22	1450.06
24.9	0.33	30.47	1444.99
27.1	-0.25	30.57	1442.46
29.4	-0.25	30.61	1442.52
31.5	-0.81	30.93	1440.39
33.9	-1.14	31.19	1439.21
36.0	-1.15	31.23	1439.23
38.2	-1.15	31.28	1439.34
40.4	-1.28	31.36	1438.85
42.6	-1.46	31.53	1438.29
45.0	-1.45	31.64	1438.49
47.1	-1.25	31.67	1439.54
49.3	-0.89	31.73	1441.35
51.5	-0.87	31.65	1441.36
53.7	-1.24	31.80	1439.88
55.8	-1.33	31.82	1439.49
58.0	-1.39	31.79	1439.22
60.2	-1.53	31.95	1438.78
62.3	-1.47	32.00	1439.16
64.5	-1.24	32.12	1440.45
66.8	-0.96	32.14	1441.88
69.1	-0.61	32.20	1443.64
71.3	-0.42	32.22	1444.59
73.4	-0.22	32.31	1445.65
75.5	-0.08	32.41	1446.47
77.6	-0.20	32.51	1446.06
79.7	-0.15	32.59	1446.45
82.0	-0.42	32.66	1445.34
84.3	-0.65	32.76	1444.44
86.4	-1.04	32.76	1442.64
88.8	-1.16	32.89	1442.28
90.9	-1.32	32.85	1441.49
93.2	-1.49	33.07	1441.01
95.5	-1.32	33.18	1442.01
97.6	-1.37	33.26	1441.94
99.9	-1.36	33.37	1442.18
102.0	-1.27	33.48	1442.75
104.3	-1.24	33.48	1442.93
106.4	-1.16	33.55	1443.46
108.5	-1.09	33.69	1444.00
110.8	-1.01	33.80	1444.58
113.1	-0.66	34.23	1446.80
115.3	-0.68	34.16	1446.70
117.4	-0.53	34.30	1447.57
119.6	-0.33	34.46	1448.79
121.8	-0.24	34.51	1449.30
124.1	-0.21	34.56	1449.53
126.2	-0.11	34.59	1450.05
128.4	-0.09	34.62	1450.23
130.6	-0.07	34.62	1450.35
132.7	-0.06	34.62	1450.43
134.9	-0.04	34.65	1450.62
137.1	-0.01	34.66	1450.78
139.3	0.05	34.72	1451.18
141.5	0.15	34.75	1451.71
143.7	0.14	34.74	1451.67
145.9	0.17	34.76	1451.87
148.0	0.17	34.76	1451.95

MIZPAC 85  
DATE: 85/09/03  
LAT: 71 45.4 N

CAST# 54 DOWN  
TIME: 13:59:42  
LON: 155 04.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	2.33	28.28	1450.70
1.8	2.37	28.38	1451.01
3.0	2.71	28.11	1452.17
4.1	2.39	28.28	1451.04
5.4	2.35	28.28	1450.85
6.5	2.70	28.39	1452.57
7.7	2.74	29.65	1454.39
8.8	2.81	29.13	1454.05
10.0	2.69	29.20	1453.62
12.2	2.94	29.59	1455.27
14.4	2.51	29.84	1453.74
16.4	0.43	30.19	1444.89
18.6	-0.65	30.50	1440.31
20.8	-1.13	30.76	1438.44
23.0	-1.23	30.92	1438.20
25.1	-1.40	31.21	1437.85
27.2	-1.28	31.30	1438.54
29.4	-1.23	31.41	1438.97
31.6	-0.92	31.63	1440.77
33.7	1.13	31.84	1450.54
35.8	2.04	32.03	1454.87
38.0	2.54	32.04	1457.13
40.2	2.51	32.04	1457.01
42.4	2.23	32.04	1455.84
44.5	2.26	32.06	1456.03
46.7	2.22	32.05	1455.87
48.9	2.07	32.05	1455.25
51.2	1.78	32.09	1454.07
53.4	1.44	32.12	1452.63
55.6	1.38	32.14	1452.41
57.8	1.33	32.15	1452.23
60.0	1.23	32.16	1451.83
62.3	1.16	32.17	1451.55
64.5	1.05	32.18	1451.13
66.6	0.96	32.17	1450.76
68.8	0.82	32.17	1450.17
71.1	0.51	32.21	1448.82
73.3	0.34	32.23	1448.15
75.6	0.31	32.24	1448.02
77.7	0.30	32.24	1448.03
79.9	0.29	32.24	1448.02
82.2	0.26	32.25	1447.92
84.4	0.20	32.26	1447.68
86.7	0.21	32.26	1447.77
89.0	-0.99	32.12	1442.06
91.2	-1.44	32.26	1440.15
93.5	-1.44	32.27	1440.17
95.7	-1.47	32.33	1440.15
98.0	-1.49	32.37	1440.13
100.2	-1.51	32.41	1440.11
102.4	-1.54	32.44	1440.08
104.6	-1.57	32.52	1440.06
106.8	-1.58	32.54	1440.09
108.9	-1.59	32.56	1440.11
111.1	-1.59	32.56	1440.13
113.3	-1.61	32.57	1440.09
115.6	-1.62	32.60	1440.11
117.7	-1.62	32.61	1440.15
120.0	-1.64	32.67	1440.17
122.2	-1.66	32.74	1440.20
124.3	-1.68	32.78	1440.23
126.5	-1.69	32.80	1440.25
128.7	-1.68	32.81	1440.31
130.9	-1.68	32.82	1440.38
133.1	-1.68	32.83	1440.41
135.2	-1.67	32.83	1440.52
137.4	-1.66	32.87	1440.65
139.6	-1.65	32.88	1440.73
141.7	-1.57	33.11	1441.45
143.9	-1.44	33.33	1442.41
146.0	-1.38	33.43	1442.89

MIZPAC 85  
 DATE: 85/09/03  
 LAT: 71 41.8 N

CAST# 55 DOWN  
 TIME: 15:01:48  
 LON: 155 03.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	5.45	30.62	1466.91
1.4	5.24	30.77	1466.27
2.6	5.23	30.78	1466.29
3.6	5.21	30.79	1466.21
4.7	5.23	30.78	1466.31
5.8	5.23	30.78	1466.32
7.0	5.28	30.54	1466.26
8.2	5.25	30.77	1466.43
9.5	5.23	30.78	1466.38
11.7	5.18	30.81	1466.28
13.9	5.15	30.83	1466.21
16.0	5.04	30.86	1465.80
18.2	4.82	30.71	1464.77
20.3	3.93	31.15	1461.63
22.5	3.60	31.33	1460.50
24.7	3.32	31.37	1459.40
26.8	3.07	31.46	1458.45
28.9	3.03	31.51	1458.39
31.0	2.93	31.56	1458.08
33.3	2.82	31.58	1457.63
35.5	2.72	31.61	1457.29
37.7	2.68	31.62	1457.18
39.9	2.66	31.62	1457.11
42.1	2.62	31.63	1457.01
44.3	2.68	31.71	1457.41
46.5	2.78	31.74	1457.88
48.6	2.81	31.75	1458.07
50.8	2.87	31.76	1458.37
52.9	2.90	31.78	1458.57
55.1	2.92	31.79	1458.73
57.3	2.92	31.80	1458.77
59.5	2.91	31.80	1458.76
61.6	2.86	31.81	1458.59
63.7	2.29	31.75	1456.05
65.9	2.21	31.89	1455.94
68.0	2.26	31.88	1456.15
70.1	2.27	31.89	1456.27
72.2	2.37	31.92	1456.76
74.4	2.37	31.92	1456.81
76.5	2.27	31.91	1456.38
78.8	2.27	31.92	1456.45
80.9	2.26	31.91	1456.42
83.2	2.26	31.93	1456.49
85.4	2.27	31.94	1456.56
87.6	2.28	31.94	1456.66
89.7	2.31	31.94	1456.84
91.8	2.32	31.95	1456.90

MIZPAC 85  
 DATE: 85/09/04  
 LAT: 71 25.3 N

CAST# 56 DOWN  
 TIME: 00:48:28  
 LON: 156 47.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	6.34	30.42	1470.25
1.5	6.23	30.48	1469.92
2.6	6.22	30.48	1469.91
3.9	6.23	30.48	1469.97
5.1	6.24	30.48	1470.04
6.2	6.20	30.47	1469.87
7.4	6.20	30.50	1469.94
8.6	6.22	30.48	1470.02
9.7	6.22	30.49	1470.05
11.8	5.70	30.69	1468.25
14.0	5.52	30.77	1467.61
16.3	5.52	30.77	1467.65
18.6	5.52	30.77	1467.70
20.8	5.52	30.77	1467.74
23.0	5.51	30.78	1467.76
25.2	5.51	30.77	1467.78
27.3	5.50	30.78	1467.77
29.4	5.49	30.78	1467.78
31.4	5.48	30.78	1467.77
33.7	5.45	30.78	1467.70
35.9	5.42	30.78	1467.60
38.2	5.32	30.80	1467.25
40.4	5.01	30.84	1466.08
42.6	4.11	31.08	1462.68
44.8	3.36	31.38	1459.92
47.0	2.95	31.57	1458.42
49.2	2.98	31.62	1458.65
51.5	2.92	31.69	1458.53
53.7	2.92	31.70	1458.59
55.9	2.92	31.70	1458.62
58.1	2.92	31.70	1458.65
60.3	2.92	31.70	1458.69
62.4	2.89	31.83	1458.76
64.6	2.90	31.86	1458.89
66.8	2.91	31.86	1458.98
69.1	2.92	31.86	1459.04
71.3	2.92	31.86	1459.10
73.5	2.96	31.86	1459.27

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 31.8 N

CAST# 57 DOWN  
TIME: 02:01:49  
LON: 156 55.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	5.12	29.24	1463.83
1.2	5.67	30.72	1467.95
2.5	6.05	30.25	1468.96
3.6	5.66	30.35	1467.52
4.6	5.53	30.38	1467.04
5.8	5.05	30.42	1465.14
6.9	5.13	31.05	1466.26
8.1	5.81	31.00	1469.01
9.2	5.93	31.02	1469.55
11.3	5.54	31.02	1468.00
13.5	4.92	31.43	1466.01
15.6	4.85	31.44	1465.77
17.6	-1.17	31.32	1438.95
19.7	-1.48	31.62	1437.95
21.8	-1.53	31.72	1437.86
23.9	-1.54	31.76	1437.89
26.2	-1.57	31.90	1437.96
28.5	-0.43	32.19	1443.81
30.7	-0.02	32.17	1445.71
32.8	0.65	32.30	1448.98
35.0	0.60	32.31	1448.79
37.2	0.53	32.31	1448.52
39.5	0.45	32.31	1448.19
41.7	0.38	32.33	1447.93
43.9	0.36	32.33	1447.88
46.1	0.30	32.31	1447.62
48.3	0.11	32.33	1446.81
50.5	0.04	32.34	1446.53
52.7	-0.05	32.34	1446.17
54.9	-0.50	32.35	1444.12
57.1	-1.16	32.41	1441.14
59.2	-0.85	32.44	1442.64
61.5	-0.94	32.45	1442.28
63.6	-1.11	32.48	1441.56
66.0	-1.15	32.48	1441.43
68.1	-1.28	32.50	1440.85
70.3	-1.40	32.52	1440.36
72.4	-1.51	32.56	1439.91
74.5	-1.57	32.59	1439.71
76.7	-1.58	32.61	1439.69
78.8	-1.63	32.62	1439.55
81.0	-1.65	32.63	1439.48
83.2	-1.66	32.64	1439.49
85.3	-1.67	32.65	1439.47
87.4	-1.69	32.67	1439.45
89.6	-1.70	32.69	1439.46
91.7	-1.70	32.69	1439.51
93.8	-1.70	32.70	1439.55
95.9	-1.66	32.76	1439.86
98.1	-1.51	32.83	1440.70

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 34.4 N

CAST# 58 DOWN  
TIME: 02:57:46  
LON: 156 58.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	2.88	29.65	1454.90
1.3	3.29	29.73	1456.80
2.5	4.54	29.30	1461.56
3.6	5.40	30.13	1466.18
4.6	5.80	30.22	1467.92
5.7	6.02	30.22	1468.83
6.8	6.39	30.34	1470.49
7.9	5.89	30.24	1468.37
9.0	5.50	30.24	1466.81
10.1	3.60	29.83	1458.37
12.2	-1.00	30.41	1438.49
14.3	-1.08	30.76	1438.61
16.3	-1.29	30.97	1437.93
18.6	-1.36	31.16	1437.85
20.8	-1.31	31.26	1438.26
23.2	-1.48	31.47	1437.82
25.5	-1.48	31.56	1437.95
27.9	-1.51	31.68	1438.04
30.0	-1.54	31.86	1438.13
32.4	-1.58	31.99	1438.16
34.7	-1.60	32.05	1438.18
37.0	-1.61	32.12	1438.25
39.1	-1.63	32.20	1438.35
41.3	-1.66	32.33	1438.40
43.4	-1.61	32.46	1438.85
45.5	-1.59	32.52	1439.04
47.6	-1.65	32.56	1438.85

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 37.7 N

CAST# 59 DOWN  
TIME: 03:43:55  
LON: 157 03.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	1.83	28.02	1448.15
1.4	2.23	28.22	1450.22
2.5	2.67	28.26	1452.20
3.7	2.21	28.24	1450.19
4.9	3.02	28.67	1454.28
6.0	1.62	28.95	1448.52
7.1	3.09	29.73	1456.01
8.1	2.83	29.70	1454.88
9.3	2.07	29.94	1451.86
11.4	-0.35	30.44	1441.56
13.6	-0.52	30.80	1441.26
15.8	-0.84	31.00	1440.08
18.0	-1.21	31.19	1438.64
20.3	-1.32	31.36	1438.34
22.4	-1.30	31.51	1438.67
24.5	-1.28	31.62	1438.98
26.6	-1.30	31.68	1438.97
28.7	-1.42	31.76	1438.56
30.8	-1.49	31.96	1438.51
32.9	-1.47	32.02	1438.72
35.0	-1.46	32.09	1438.91
37.3	-1.46	32.15	1439.05
39.4	-1.49	32.21	1438.98
41.6	-1.59	32.24	1438.61
43.9	-1.64	32.38	1438.60
46.0	-1.59	32.44	1438.93
48.2	-1.58	32.49	1439.09
50.4	-1.63	32.60	1439.04
52.6	-1.70	32.73	1438.93
54.7	-1.71	32.75	1438.93
57.0	-1.71	32.76	1438.96
59.1	-1.71	32.76	1438.99
61.4	-1.71	32.76	1439.03

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 40.2 N

CAST# 60 DOWN  
TIME: 04:30:22  
LON: 157 06.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	2.51	27.04	1449.86
1.5	2.40	27.57	1450.09
2.7	2.25	27.94	1449.95
3.9	2.34	27.51	1449.80
5.1	1.93	28.86	1449.75
6.3	1.94	29.77	1451.03
7.5	2.59	29.56	1453.60
8.7	2.98	29.94	1455.82
9.9	2.48	29.91	1453.65
12.0	0.46	30.34	1445.19
14.2	-1.12	30.60	1438.20
16.4	-1.22	30.70	1437.86
18.5	-0.88	31.05	1439.99
20.8	-0.45	31.30	1442.39
23.0	-0.53	31.40	1442.19
25.1	-0.85	31.53	1440.88
27.2	-1.16	31.70	1439.66
29.3	-1.30	31.78	1439.17
31.5	-1.53	32.00	1438.38
33.7	-1.55	32.12	1438.50
36.0	-1.47	32.20	1439.04
38.1	-1.55	32.33	1438.83
40.4	-1.62	32.54	1438.84
42.6	-1.63	32.57	1438.85
44.8	-1.64	32.60	1438.88
47.1	-1.67	32.68	1438.90

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 43.1 N

CAST# 61 DOWN  
TIME: 05:11:48  
LON: 157 08.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	2.70	27.06	1450.73
1.4	2.70	27.07	1450.76
2.4	2.71	27.08	1450.81
3.6	2.71	27.08	1450.88
4.8	2.83	27.39	1451.80
6.0	2.92	27.67	1452.61
7.1	3.46	28.54	1456.07
8.3	3.24	29.01	1455.76
9.6	2.95	29.53	1455.17
11.8	2.84	29.70	1454.97
13.9	2.35	29.97	1453.19
16.1	-0.40	30.17	1441.02
18.4	-0.83	30.69	1439.71
20.5	-0.50	30.92	1441.65
22.9	-1.38	31.16	1437.82
25.0	-1.30	31.37	1438.53
27.2	-1.08	31.48	1439.77
29.4	-1.21	31.68	1439.46
31.6	-1.49	31.93	1438.49
33.7	-1.53	32.10	1438.56
35.8	-1.56	32.19	1438.59
38.0	-1.59	32.32	1438.65
40.2	-1.59	32.39	1438.79
42.6	-1.60	32.49	1438.92

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 45.9 N

CAST# 62 DOWN  
TIME: 05:53:47  
LON: 157 12.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	2.01	26.34	1446.74
1.3	2.05	26.34	1446.95
2.5	2.32	26.95	1448.95
3.6	2.39	26.91	1449.23
4.7	2.27	27.06	1448.89
5.8	2.33	28.18	1450.64
7.0	2.69	28.26	1452.37
8.2	2.62	28.50	1452.39
9.5	2.81	28.80	1453.63
11.8	0.88	29.50	1445.96
13.9	0.97	29.13	1445.94
16.0	-0.96	30.02	1438.20
18.1	-1.12	30.45	1438.03
20.2	-1.03	30.52	1438.60
22.3	-0.59	31.41	1441.89
24.5	-0.85	31.02	1440.22
26.6	-0.74	31.11	1440.87
28.7	-1.18	31.29	1439.03
30.8	-1.36	31.78	1438.92
32.9	-1.43	31.73	1438.54
35.2	-1.54	31.98	1438.37
37.3	-1.50	32.08	1438.72
39.6	-1.52	32.15	1438.78
41.7	-1.48	32.18	1439.05
43.9	-1.54	32.27	1438.92
46.1	-1.58	32.38	1438.91
48.4	-1.58	32.45	1439.02

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 48.9 N

CAST# 63 DOWN  
TIME: 06:36:20  
LON: 157 16.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.7	1.87	26.10	1445.82
1.8	1.96	26.59	1446.85
2.9	1.98	27.15	1447.69
4.0	1.91	26.64	1446.74
5.3	2.01	27.78	1448.72
6.4	2.30	28.46	1450.88
7.6	1.81	28.65	1448.98
8.7	1.31	29.64	1448.05
9.8	0.91	29.70	1446.36
12.0	-0.21	30.05	1441.68
14.2	-0.85	30.30	1439.06
16.2	-1.19	30.60	1437.88
18.4	-1.22	30.80	1438.05
20.6	-1.23	30.96	1438.23
22.9	-1.08	31.16	1439.24
25.1	-1.31	31.35	1438.44
27.3	-1.33	31.40	1438.47
29.5	-1.54	31.59	1437.77
31.6	-1.58	31.76	1437.85
33.8	-1.59	31.86	1437.95
36.0	-1.60	31.99	1438.13
38.3	-1.55	32.14	1438.60
40.4	-1.56	32.25	1438.71
42.6	-1.56	32.35	1438.90
44.9	-1.64	32.51	1438.75
47.2	-1.67	32.57	1438.72

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 54.7 N

CAST# 64 DOWN  
TIME: 07:26:30  
LON: 157 22.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	2.46	26.73	1449.23
1.2	2.53	26.77	1449.63
2.4	2.60	27.65	1451.09
3.5	3.20	28.76	1455.15
4.7	2.34	29.29	1452.14
5.9	2.30	29.00	1451.57
7.1	2.23	29.30	1451.70
8.1	1.90	29.38	1450.33
9.3	1.21	29.82	1447.83
11.5	1.01	29.95	1447.14
13.6	0.03	30.29	1443.12
15.9	-1.01	30.75	1438.91
18.2	-0.75	31.01	1440.56
20.3	-0.54	31.14	1441.72
22.6	-1.44	31.30	1437.74
24.8	-1.49	31.45	1437.73
27.1	-1.35	31.61	1438.68
29.3	-1.06	31.74	1440.26
31.4	-1.33	31.78	1439.03
33.7	-1.57	31.91	1438.13
36.0	-1.54	32.02	1438.45
38.2	-1.56	32.10	1438.51
40.3	-1.54	32.20	1438.76
42.5	-1.57	32.26	1438.75
44.6	-1.59	32.29	1438.73
46.9	-1.55	32.35	1439.03
49.0	-1.55	32.38	1439.09
51.1	-1.62	32.42	1438.84
53.4	-1.65	32.43	1438.73
55.5	-1.66	32.46	1438.78
57.6	-1.66	32.52	1438.87

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 36.2 N

CAST# 65 DOWN  
TIME: 10:34:02  
LON: 159 09.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.64	26.84	1435.20
1.2	-0.71	27.09	1435.20
2.4	-0.93	27.98	1435.38
3.6	-0.84	28.42	1436.43
4.8	-0.25	28.89	1439.85
5.9	0.06	28.96	1441.39
7.1	0.03	29.02	1441.34
8.2	0.31	29.39	1443.19
9.4	0.30	29.46	1443.24
11.5	-0.53	29.75	1439.78
13.7	-1.38	30.14	1436.31
16.0	-1.48	30.65	1436.56
18.1	-1.55	30.91	1436.63
20.3	-1.57	31.08	1436.80
22.6	-1.56	31.35	1437.25
24.9	-1.54	31.76	1437.92
27.2	-1.53	32.11	1438.45
29.6	-1.62	32.24	1438.25
31.9	-1.63	32.30	1438.33
33.9	-1.63	32.33	1438.39
36.2	-1.65	32.36	1438.39

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 30.5 N

CAST# 66 DOWN  
TIME: 11:35:02  
LON: 159 03.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	0.19	26.68	1438.87
1.2	0.10	27.35	1439.38
2.4	0.15	27.54	1439.85
3.7	0.54	28.23	1442.62
4.9	0.38	28.27	1441.95
6.1	0.28	28.59	1441.94
7.4	0.23	29.04	1442.32
8.6	-0.09	29.32	1441.23
9.8	-0.44	29.70	1440.13
12.1	-0.94	30.40	1438.72
14.3	-1.09	30.49	1438.18
16.6	-1.23	30.75	1437.88
18.8	-1.36	30.97	1437.59
21.0	-1.46	31.15	1437.42
23.2	-1.50	31.31	1437.45
25.3	-1.51	31.48	1437.67
27.4	-1.50	31.66	1438.00
29.5	-1.52	31.96	1438.38
31.6	-1.54	32.18	1438.57
33.7	-1.59	32.28	1438.51
35.9	-1.64	32.40	1438.47

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 27.1 N

CAST# 67 DOWN  
TIME: 12:21:07  
LON: 158 57.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	0.42	26.51	1439.73
1.2	0.41	26.52	1439.71
2.5	0.44	26.52	1439.84
3.7	0.32	26.55	1439.36
4.9	-0.44	27.01	1436.42
6.1	-0.57	27.87	1436.96
7.3	-0.44	28.75	1438.79
8.6	-1.16	29.18	1436.00
9.9	-1.25	29.54	1436.09
12.0	-1.29	29.83	1436.29
14.2	-1.38	30.11	1436.27
16.3	-1.45	30.33	1436.26
18.4	-1.27	30.54	1437.45
20.5	-1.24	30.79	1437.95
22.7	-1.38	31.09	1437.75
25.1	-1.52	31.38	1437.51
27.5	-1.54	31.71	1437.88
29.8	-1.56	31.99	1438.21
32.0	-1.54	32.16	1438.56
34.2	-1.61	32.26	1438.44
36.4	-1.63	32.36	1438.46



MIZPAC 85  
DATE: 85/09/04  
LAT: 71 25.1 N

CAST# 68 DOWN  
TIME: 13:02:38  
LON: 158 55.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	1.10	26.23	1442.45
1.4	1.10	26.22	1442.49
2.5	1.11	26.22	1442.53
3.8	0.45	26.77	1440.24
4.9	0.20	27.00	1439.42
6.2	0.39	27.76	1441.35
7.3	0.82	28.26	1443.99
8.5	0.80	28.78	1444.60
9.6	0.66	29.10	1444.40
11.7	0.25	29.78	1443.46
13.9	-0.49	30.20	1440.63
16.1	-0.97	30.45	1438.71
18.2	-1.13	30.66	1438.25
20.3	-1.15	30.89	1438.49
22.4	-1.27	31.12	1438.26
24.6	-1.41	31.28	1437.89
26.7	-1.54	31.38	1437.44
28.8	-1.54	31.46	1437.59
30.9	-1.54	31.69	1437.90
33.2	-1.56	31.94	1438.18
35.3	-1.58	32.04	1438.28
37.5	-1.59	32.16	1438.40

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 22.2 N

CAST# 69 DOWN  
TIME: 13:42:35  
LON: 158 53.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	1.49	26.43	1444.49
1.2	1.49	26.44	1444.52
2.5	1.49	26.49	1444.64
3.6	1.70	26.59	1445.73
4.7	1.22	27.34	1444.54
6.1	0.50	29.51	1444.17
7.3	0.48	29.79	1444.46
8.4	0.24	29.86	1443.46
9.7	-0.12	29.95	1441.95
11.8	-0.83	30.34	1439.15
13.9	-1.16	30.57	1437.92
16.0	-1.22	30.74	1437.92
18.2	-1.29	30.90	1437.83
20.3	-1.39	31.05	1437.58
22.4	-1.47	31.21	1437.45
24.5	-1.35	31.42	1438.34
26.6	-1.54	31.52	1437.62
28.7	-1.56	31.71	1437.82
31.0	-1.56	31.95	1438.17
33.1	-1.57	32.12	1438.37
35.2	-1.64	32.53	1438.62
37.4	-1.67	32.58	1438.62

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 18.8 N

CAST# 70 DOWN  
TIME: 14:38:16  
LON: 158 49.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	0.96	27.60	1443.65
1.3	0.74	28.81	1444.26
2.6	0.90	28.95	1445.19
3.8	0.56	29.29	1444.14
4.8	0.44	29.51	1443.87
5.9	0.33	29.83	1443.83
7.1	0.01	29.96	1442.52
8.3	-0.27	30.03	1441.31
9.4	-0.40	30.17	1440.94
11.6	-1.01	30.44	1438.47
13.7	-1.12	30.58	1438.16
16.0	-1.29	30.88	1437.80
18.0	-1.39	31.07	1437.58
20.2	-1.35	31.22	1438.00
22.4	-1.48	31.40	1437.70
24.6	-1.50	31.54	1437.81
26.9	-1.52	31.61	1437.86
29.1	-1.53	31.83	1438.12
31.1	-1.54	31.85	1438.15
33.4	-1.60	32.01	1438.10
35.6	-1.59	32.14	1438.37
37.9	-1.61	32.24	1438.45
40.2	-1.65	32.35	1438.44
42.6	-1.67	32.54	1438.65
44.7	-1.69	32.68	1438.74
47.0	-1.71	32.70	1438.75

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 16.2 N

CAST# 71 DOWN  
TIME: 15:21:09  
LON: 158 47.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	1.61	26.62	1445.30
1.3	1.84	27.43	1447.42
2.5	3.57	28.98	1457.00
3.7	4.11	29.27	1459.73
4.8	4.73	29.52	1462.66
5.9	4.95	29.55	1463.61
7.2	3.99	29.36	1459.37
8.4	2.04	29.55	1451.20
9.6	1.64	29.59	1449.50
11.8	0.80	29.39	1445.46
14.1	-1.34	30.44	1436.91
16.4	-1.41	30.87	1437.20
18.5	-1.40	31.17	1437.68
20.7	-1.42	31.39	1437.90
22.9	-1.47	31.52	1437.91
25.1	-1.50	31.61	1437.92
27.4	-1.53	31.71	1437.93
29.7	-1.54	31.77	1437.98
31.9	-1.55	31.82	1438.04
34.0	-1.57	31.87	1438.05
36.1	-1.59	31.92	1438.07
38.3	-1.62	31.98	1438.05
40.4	-1.63	32.05	1438.11
42.5	-1.65	32.14	1438.16
44.7	-1.67	32.22	1438.24
46.9	-1.68	32.35	1438.39
49.0	-1.70	32.62	1438.68
51.2	-1.71	32.69	1438.77
53.4	-1.72	32.71	1438.82
55.6	-1.72	32.72	1438.86
57.7	-1.72	32.72	1438.90
59.9	-1.72	32.72	1438.93
62.0	-1.72	32.72	1438.97
64.1	-1.72	32.72	1439.01
66.2	-1.72	32.73	1439.04
68.3	-1.72	32.73	1439.08
70.4	-1.72	32.73	1439.12
72.5	-1.71	32.74	1439.17
74.6	-1.71	32.74	1439.20
76.9	-1.71	32.74	1439.25
79.1	-1.71	32.75	1439.30
81.2	-1.71	32.75	1439.33
83.4	-1.71	32.75	1439.37
85.6	-1.71	32.75	1439.41
87.7	-1.71	32.75	1439.44

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 13.6 N

CAST# 72 DOWN  
TIME: 16:27:28  
LON: 158 43.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	0.03	25.83	1437.00
1.4	0.01	27.13	1438.66
2.7	-0.16	27.51	1438.41
4.0	-0.15	27.50	1438.47
5.2	-0.23	27.73	1438.41
6.4	-0.32	28.03	1438.38
7.7	-0.71	28.90	1437.72
8.9	-1.20	29.92	1436.81
10.1	-1.35	30.36	1436.69
12.2	-1.43	30.92	1437.09
14.5	-1.44	31.12	1437.36
16.6	-1.47	31.37	1437.63
18.8	-1.51	31.49	1437.58
21.0	-1.50	31.57	1437.77
23.4	-1.55	31.63	1437.67
25.5	-1.56	31.68	1437.74
27.9	-1.57	31.71	1437.78
30.0	-1.57	31.89	1438.05
32.2	-1.35	32.35	1439.77
34.3	-1.02	32.26	1441.23
36.4	-0.86	32.30	1442.07
38.5	-0.42	32.36	1444.21
40.7	-0.38	32.38	1444.48
42.9	-0.28	32.41	1445.01
45.2	-0.22	32.38	1445.29
47.3	-0.21	32.36	1445.35
49.4	-0.38	32.39	1444.62
51.6	-0.51	32.40	1444.06
53.8	-0.67	32.42	1443.38
55.9	-0.83	32.45	1442.72
58.2	-0.97	32.45	1442.12
60.3	-1.16	32.47	1441.24
62.4	-1.29	32.50	1440.70
64.5	-1.32	32.50	1440.60
66.6	-1.44	32.55	1440.13
68.8	-1.48	32.57	1440.03
70.9	-1.49	32.58	1440.03
73.0	-1.49	32.58	1440.04
75.2	-1.49	32.58	1440.09
77.3	-1.48	32.58	1440.14
79.5	-1.47	32.59	1440.26
81.6	-1.47	32.59	1440.30
83.7	-1.47	32.59	1440.33
85.8	-1.47	32.60	1440.39
87.9	-1.47	32.59	1440.42

MIZPAC 85  
DATE: 85/09/04  
LAT: 71 09.0 N

CAST# 73 DOWN  
TIME: 17:25:49  
LON: 158 38.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	7.05	31.35	1474.25
1.5	7.06	31.35	1474.29
2.7	6.97	31.47	1474.12
3.8	6.79	31.57	1473.56
5.0	6.89	31.50	1473.86
6.2	7.03	31.38	1474.29
7.4	7.02	31.39	1474.29
8.6	7.05	31.36	1474.37
9.8	6.93	31.47	1474.05
11.9	6.33	31.56	1471.86
14.0	5.74	31.62	1469.57
16.1	4.66	31.55	1465.10
18.2	4.45	31.55	1464.28
20.4	4.38	31.58	1464.08
22.5	4.30	31.64	1463.82
24.7	4.24	31.68	1463.69
26.8	4.24	31.69	1463.74
28.9	4.24	31.72	1463.81
31.1	4.23	31.75	1463.82
33.2	4.21	31.77	1463.79
35.4	4.13	31.81	1463.55
37.5	3.94	31.93	1462.97
39.8	3.94	31.94	1462.99
41.9	3.91	31.92	1462.89
44.0	3.89	31.93	1462.86
46.1	3.89	31.93	1462.90

MIZPAC 85  
DATE: 85/09/04  
LAT: 70 49.2 N

CAST# 74 DOWN  
TIME: 21:40:27  
LON: 160 13.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	7.94	30.24	1476.32
1.8	7.93	30.28	1476.35
2.9	7.91	30.26	1476.25
4.1	7.90	30.23	1476.21
5.3	7.93	30.57	1476.74
6.4	7.82	31.00	1476.88
7.6	7.47	31.28	1475.88
8.8	6.73	31.31	1473.06
10.1	4.75	31.08	1464.79
12.2	4.14	31.38	1462.68
14.3	4.12	31.39	1462.63
16.5	4.10	31.40	1462.62
18.6	4.09	31.41	1462.60
20.7	4.06	31.41	1462.53
22.9	4.03	31.42	1462.45
25.1	4.03	31.46	1462.52
27.3	4.05	31.48	1462.67
29.4	4.07	31.49	1462.79
31.6	4.08	31.49	1462.88
33.8	4.07	31.50	1462.92
36.0	4.11	31.53	1463.11
38.2	4.11	31.54	1463.16

MIZPAC 85  
DATE: 85/09/04  
LAT: 70 55.4 N

CAST# 75 DOWN  
TIME: 22:35:39  
LON: 160 18.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	6.99	31.63	1474.35
1.4	6.99	31.63	1474.35
2.6	6.99	31.62	1474.36
3.8	6.97	31.64	1474.33
5.0	6.95	31.68	1474.33
6.1	6.96	31.71	1474.42
7.3	6.96	31.73	1474.46
8.5	6.96	31.73	1474.48
9.6	6.96	31.73	1474.50
11.8	6.95	31.73	1474.51
14.1	6.89	31.72	1474.29
16.1	6.84	31.76	1474.21
18.2	6.19	31.76	1471.65
20.5	4.30	32.03	1464.34
22.6	3.54	32.04	1461.17
24.7	3.02	32.27	1459.26
26.9	2.88	32.28	1458.73
29.1	2.87	32.29	1458.74
31.2	2.87	32.29	1458.77
33.2	2.87	32.29	1458.80
35.4	2.87	32.29	1458.84
37.6	2.87	32.29	1458.87
39.8	2.87	32.29	1458.91
41.9	2.87	32.29	1458.94

MIZPAC 85  
DATE: 85/09/04  
LAT: 70 57.5 N

CAST# 76 DOWN  
TIME: 23:12:50  
LON: 160 24.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	4.96	30.37	1464.63
1.3	5.01	30.41	1464.90
2.5	5.03	30.43	1465.03
3.8	5.35	30.80	1466.81
4.9	5.67	31.00	1468.41
6.0	5.52	31.10	1467.94
7.1	5.00	31.13	1465.87
8.1	4.89	30.87	1465.09
9.4	4.93	31.32	1465.83
11.6	4.46	30.44	1462.82
13.8	1.97	31.66	1453.73
15.9	2.04	32.24	1454.84
18.0	2.56	32.29	1457.20
20.1	2.49	32.31	1456.98
22.2	2.46	32.33	1456.89
24.4	2.45	32.33	1456.89
26.5	2.44	32.32	1456.88
28.6	2.42	32.35	1456.86
30.8	2.42	32.34	1456.90
32.9	2.41	32.35	1456.90
35.0	2.42	32.34	1456.94
37.1	2.41	32.35	1456.94
39.2	2.38	32.36	1456.86
41.3	2.34	32.35	1456.69
43.4	2.31	32.36	1456.64
45.6	2.29	32.35	1456.55

MIZPAC 85  
DATE: 85/09/05  
LAT: 71 00.6 N

CAST# 77 DOWN  
TIME: 00:11:55  
LON: 160 27.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	4.64	30.12	1462.98
1.3	4.64	30.11	1462.98
2.4	4.64	30.13	1463.03
3.5	4.65	30.15	1463.11
4.7	4.67	30.25	1463.33
5.9	5.15	30.91	1466.18
7.0	5.38	31.02	1467.28
8.3	5.49	31.11	1467.86
9.6	5.57	31.27	1468.41
12.0	5.72	31.52	1469.38
14.2	4.70	31.46	1465.17
16.3	0.05	31.79	1445.27
18.4	0.27	32.56	1447.35
20.5	0.50	32.39	1448.19
22.6	0.50	32.39	1448.27
24.7	0.52	32.38	1448.36
26.8	0.47	32.38	1448.18
28.9	0.42	32.38	1447.96
31.1	0.38	32.40	1447.87
33.3	0.33	32.41	1447.69
35.4	0.34	32.39	1447.72
37.6	0.31	32.39	1447.63

MIZPAC 85  
DATE: 85/09/05  
LAT: 71 03.2 N

CAST# 78 DOWN  
TIME: 00:53:52  
LON: 160 29.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.09	27.42	1433.83
1.2	-1.19	27.77	1433.84
2.4	-1.27	28.16	1433.99
3.5	-1.27	28.46	1434.41
4.5	-0.89	28.70	1436.56
5.7	0.81	28.42	1444.13
6.9	0.37	29.66	1443.77
8.1	1.09	29.03	1446.24
9.4	4.00	30.71	1461.19
11.6	4.82	30.60	1464.52
13.8	-0.20	30.53	1442.40
16.0	0.05	32.61	1446.40
18.2	0.08	31.95	1445.69
20.3	-0.09	32.41	1445.53
22.5	-0.10	32.40	1445.54
24.6	-0.09	32.41	1445.62
26.9	-0.08	32.41	1445.68
29.1	-0.08	32.41	1445.72
31.4	-0.08	32.41	1445.79
33.5	-0.07	32.41	1445.83
35.8	-0.07	32.41	1445.87
37.9	-0.07	32.41	1445.91

MIZPAC 85  
DATE: 85/09/05  
LAT: 71 05.9 N

CAST# 79 DOWN  
TIME: 01:37:12  
LON: 160 32.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.0	1.40	26.67	1444.42
1.2	2.10	27.77	1449.03
2.3	2.72	27.80	1451.80
3.5	3.14	28.19	1454.17
4.6	3.33	28.34	1455.19
5.9	3.58	28.57	1456.62
7.0	-1.26	28.78	1434.97
8.1	-1.35	29.19	1435.08
9.3	-1.18	29.79	1436.73
11.6	-0.94	30.61	1439.02
13.9	-1.45	31.28	1437.54
16.0	-1.49	31.56	1437.74
18.2	-1.42	31.79	1438.40
20.5	-1.44	32.17	1438.89
22.8	-0.89	32.46	1441.92
25.0	-0.68	32.40	1442.88
27.2	-0.75	32.42	1442.57
29.3	-0.94	32.42	1441.75
31.7	-0.96	32.45	1441.70
34.0	-0.98	32.46	1441.67
36.1	-0.98	32.46	1441.72
38.4	-0.98	32.46	1441.74
40.7	-0.98	32.47	1441.78
42.8	-0.98	32.47	1441.82
45.1	-0.98	32.47	1441.86
47.2	-0.98	32.47	1441.90

MIZPAC 85  
DATE: 85/09/05  
LAT: 71 08.9 N

CAST# 80 DOWN  
TIME: 02:44:15  
LON: 160 36.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.0	-0.50	21.65	1428.89
1.2	-0.59	25.09	1433.07
2.6	1.05	28.04	1444.66
3.9	1.89	28.30	1448.82
5.1	2.70	28.77	1453.04
6.4	2.95	28.86	1454.27
7.7	3.18	29.07	1455.55
8.7	3.34	29.08	1456.25
9.9	3.59	29.42	1457.79
12.0	4.04	29.73	1460.16
14.2	1.84	31.00	1452.28
16.4	3.96	30.59	1460.96
18.6	-1.22	31.41	1438.88
20.8	-1.36	31.76	1438.69
22.9	-1.52	32.19	1438.58
25.0	-1.59	32.57	1438.78
27.2	-1.58	32.57	1438.87
29.4	-1.58	32.58	1438.91
31.7	-1.58	32.58	1438.95
33.8	-1.58	32.58	1438.98
36.1	-1.58	32.57	1439.01
38.2	-1.58	32.58	1439.05

MIZPAC 85  
DATE: 85/09/05  
LAT: 71 11.6 N

CAST# 81 DOWN  
TIME: 03:44:53  
LON: 160 39.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.1	-0.27	16.64	1423.30
1.2	1.68	27.53	1446.82
2.3	2.22	27.75	1449.55
3.4	2.49	28.68	1451.98
4.5	3.37	28.88	1456.05
5.6	3.51	28.94	1456.77
6.8	3.48	29.08	1456.83
7.9	3.58	29.22	1457.47
9.1	3.59	29.27	1457.59
10.3	3.68	29.61	1458.42
12.5	4.08	30.12	1460.80
14.6	4.59	30.24	1463.12
16.8	1.84	31.49	1452.96
19.2	-0.05	31.12	1443.95
21.4	-0.95	31.63	1440.50
23.7	-1.32	31.98	1439.26
25.8	-1.65	32.47	1438.38
27.9	-1.66	32.63	1438.57
30.0	-1.66	32.63	1438.59
32.3	-1.66	32.63	1438.62
34.6	-1.66	32.63	1438.66
36.9	-1.66	32.64	1438.69

MIZPAC 85  
DATE: 85/09/05  
LAT: 71 70.0 N

CAST# 82 DOWN  
TIME: 05:40:32  
LON: 160 47.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.0	0.09	4.71	1409.14
1.2	-0.49	26.40	1435.32
2.4	1.13	27.54	1444.37
3.6	1.82	29.73	1450.39
4.6	3.19	29.26	1455.82
5.8	3.56	29.55	1457.76
7.0	3.71	29.64	1458.57
8.2	3.72	29.72	1458.71
9.4	3.16	29.72	1456.34
11.7	2.01	30.89	1452.89
13.8	-1.46	31.47	1437.72
16.0	-1.52	31.77	1437.89
18.2	-1.57	31.92	1437.90
20.3	-1.59	32.08	1438.04
22.4	-1.64	32.23	1438.05
24.7	-1.68	32.47	1438.21
26.8	-1.71	32.75	1438.48
29.1	-1.71	32.76	1438.52
31.2	-1.71	32.76	1438.55
33.3	-1.71	32.76	1438.58
35.4	-1.71	32.76	1438.62
37.5	-1.71	32.76	1438.65

MIZPAC 85  
DATE: 85/09/05  
LAT: 71 50.5 N

CAST# 83 DOWN  
TIME: 18:48:06  
LON: 161 13.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	0.32	2.45	1407.27
1.1	0.32	3.68	1408.94
2.4	-1.38	29.87	1435.77
3.7	-1.43	30.36	1436.20
4.8	-1.45	30.42	1436.19
5.9	-1.45	30.46	1436.27
7.2	-1.35	30.59	1436.93
8.4	-1.55	30.77	1436.25
9.6	-1.56	30.78	1436.23
11.8	-1.58	30.82	1436.25
13.9	-1.58	30.84	1436.31
16.1	-1.58	30.87	1436.35
18.3	-1.59	30.94	1436.47
20.4	-1.59	31.10	1436.70
22.5	-1.60	31.46	1437.17
24.6	-1.63	32.03	1437.85
26.7	-1.65	32.34	1438.19

MIZPAC 85  
DATE: 85/09/05  
LAT: 72 00.0 N

CAST# 84 DOWN  
TIME: 23:37:59  
LON: 160 00.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	0.89	25.89	1441.07
1.2	0.88	25.90	1441.04
2.3	0.88	25.89	1441.06
3.6	0.94	25.84	1441.30
4.7	0.50	26.33	1439.94
5.8	0.09	27.11	1439.07
7.0	-0.18	27.93	1438.93
8.3	-0.61	28.46	1437.62
9.4	-0.25	29.01	1440.06
11.5	-0.86	29.64	1438.06
13.6	-0.84	30.35	1439.15
15.6	-1.39	31.12	1437.61
17.9	-1.44	31.57	1438.04
20.3	-1.48	31.95	1438.37
22.6	-1.52	32.14	1438.46
24.7	-1.58	32.27	1438.39
27.1	-1.58	32.28	1438.43

MIZPAC 85  
DATE: 85/09/06  
LAT: 72 00.0 N

CAST# 85 DOWN  
TIME: 04:28:49  
LON: 156 45.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	1.59	25.58	1443.84
1.7	1.99	26.66	1447.07
2.9	2.25	27.02	1448.75
4.0	1.80	27.20	1446.96
5.1	2.22	27.22	1448.91
6.2	2.13	27.34	1448.68
7.5	1.70	27.61	1447.10
8.6	1.24	28.07	1445.67
9.8	1.28	28.44	1446.36
12.3	-0.09	29.39	1441.38
14.7	0.23	29.67	1443.27
16.8	-0.92	29.86	1438.15
18.9	0.00	30.06	1442.80
21.2	0.43	30.35	1445.20
23.6	0.13	30.43	1443.97
25.7	-0.85	30.55	1439.57
28.2	-0.90	30.61	1439.47
30.3	-0.93	30.95	1439.79
32.7	-1.03	31.44	1440.02
34.9	-0.96	31.60	1440.63
37.3	-1.16	31.55	1439.64
39.7	-1.02	31.75	1440.61
42.1	-1.41	31.86	1438.94
44.5	-1.42	31.94	1439.03
47.0	-1.45	32.06	1439.11
49.3	-1.31	32.12	1439.89
51.4	-1.24	32.15	1440.28
53.9	-1.32	32.25	1440.10
56.0	-1.47	32.25	1439.42
58.1	-1.56	32.34	1439.13
60.2	-1.56	32.38	1439.20
62.6	-1.56	32.46	1439.38
65.1	-1.57	32.44	1439.31
67.5	-1.58	32.51	1439.44
69.7	-1.60	32.54	1439.40
72.1	-1.63	32.57	1439.32
74.2	-1.65	32.57	1439.26
76.4	-1.66	32.58	1439.28
78.8	-1.66	32.60	1439.34



MIZPAC 85  
DATE: 85/09/06  
LAT: 72 00.0 N

CAST# 86 DOWN  
TIME: 06:47:44  
LON: 155 25.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	0.39	25.78	1438.61
1.2	0.37	25.79	1438.54
2.3	2.75	28.91	1453.38
3.6	2.97	28.64	1454.02
4.6	3.54	29.03	1457.01
5.8	3.87	29.16	1458.59
7.0	3.21	28.79	1455.30
8.3	3.00	29.77	1455.70
9.5	2.76	29.28	1454.04
11.7	1.93	29.82	1451.11
13.9	2.60	30.92	1455.51
16.2	3.21	29.96	1456.96
18.3	-0.35	30.86	1442.22
20.6	0.30	31.74	1446.44
22.7	0.99	31.57	1449.36
24.9	-0.51	31.51	1442.42
27.1	-0.23	32.06	1444.50
29.2	0.84	32.00	1449.37
31.4	0.36	31.83	1447.00
33.6	0.40	32.05	1447.50
35.9	-0.30	32.03	1444.30
38.2	-0.31	32.15	1444.44
40.3	-0.54	32.18	1443.45
42.5	-1.04	32.13	1441.06
44.6	-1.21	32.30	1440.54
46.8	-1.33	32.32	1440.04
49.1	-1.32	32.40	1440.23
51.3	-1.11	32.45	1441.31
53.6	-1.25	32.45	1440.70
55.7	-1.37	32.46	1440.17
57.8	-1.40	32.51	1440.13
59.9	-1.57	32.53	1439.38
62.2	-1.61	32.57	1439.25
64.2	-1.58	32.59	1439.49
66.3	-1.57	32.60	1439.55
68.4	-1.63	32.63	1439.33
70.5	-1.64	32.64	1439.35
72.8	-1.64	32.65	1439.39
75.1	-1.65	32.66	1439.42
77.4	-1.65	32.68	1439.46
79.7	-1.66	32.70	1439.50
81.8	-1.67	32.71	1439.47
83.9	-1.69	32.72	1439.46
86.2	-1.69	32.74	1439.49
88.3	-1.69	32.74	1439.51
90.6	-1.70	32.75	1439.54
92.8	-1.70	32.76	1439.59
94.9	-1.70	32.76	1439.64
97.2	-1.70	32.76	1439.67
99.3	-1.71	32.76	1439.67
101.6	-1.71	32.76	1439.68
103.7	-1.71	32.77	1439.72
105.9	-1.71	32.77	1439.77
108.1	-1.68	32.80	1439.96
110.2	-1.68	32.83	1440.07
112.3	-1.65	32.89	1440.32
114.6	-1.59	32.99	1440.79
116.9	-1.53	33.09	1441.25
119.3	-1.49	33.20	1441.62
121.4	-1.49	33.34	1441.82
123.5	-1.53	33.41	1441.78
125.6	-1.27	33.59	1443.30
127.7	-1.29	33.71	1443.39
129.8	-1.17	33.85	1444.18
131.9	-1.14	33.92	1444.42
134.0	-1.06	34.02	1445.02
136.2	-1.14	34.08	1444.73
138.4	-1.15	34.16	1444.80
140.6	-0.92	34.24	1446.04
142.8	-0.83	34.28	1446.57
145.1	-0.77	34.29	1446.91
147.2	-0.74	34.33	1447.11
149.4	-0.70	34.39	1447.41
154.5	-0.60	34.48	1448.11
159.8	-0.39	34.53	1449.24
165.0	-0.35	34.57	1449.52
170.2	-0.31	34.60	1449.85
175.3	-0.23	34.62	1450.31

MIZPAC 85  
 DATE: 85/09/06  
 LAT: 71 59.8 N

CAST# 87 DOWN  
 TIME: 09:04:03  
 LON: 154 04.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	6.36	30.31	1470.20	217.8	0.30	34.81	1453.67
1.3	6.65	30.52	1471.64	223.0	0.32	34.82	1453.87
2.5	6.70	30.47	1471.79	228.1	0.32	34.82	1453.97
3.7	6.61	30.65	1471.66	233.3	0.32	34.82	1454.06
5.0	6.60	30.76	1471.79	238.5	0.32	34.82	1454.12
6.2	6.60	30.67	1471.71	243.6	0.32	34.82	1454.20
7.5	6.58	30.73	1471.71	248.7	0.32	34.82	1454.31
8.7	6.57	30.82	1471.82	254.0	0.32	34.82	1454.39
9.8	6.55	30.85	1471.78	259.2	0.34	34.83	1454.56
12.0	6.50	30.98	1471.80	264.5	0.35	34.83	1454.69
14.2	5.88	31.01	1469.37	269.6	0.35	34.83	1454.81
16.2	4.66	31.04	1464.44	274.7	0.36	34.84	1454.94
18.5	3.25	31.07	1458.59	279.9	0.37	34.84	1455.07
20.6	0.04	31.10	1444.36	285.2	0.38	34.84	1455.21
22.8	-1.08	31.18	1439.26	290.3	0.39	34.84	1455.34
25.1	-0.96	31.31	1440.03	295.5	0.40	34.84	1455.45
27.3	-1.02	31.46	1440.00	305.8	0.40	34.85	1455.61
29.4	-1.12	31.52	1439.63	315.9	0.41	34.86	1455.82
31.7	-1.24	31.64	1439.27	326.2	0.41	34.86	1455.99
34.0	-1.27	31.69	1439.25				
36.3	-1.25	31.76	1439.46				
38.5	0.28	31.99	1446.94				
40.6	1.43	32.10	1452.34				
42.8	1.59	32.03	1452.97				
44.9	1.35	32.04	1451.93				
47.0	1.21	32.10	1451.45				
49.2	1.13	32.07	1451.09				
51.5	1.09	32.15	1451.02				
53.7	0.69	32.10	1449.22				
56.0	0.41	32.16	1448.07				
58.2	0.31	31.74	1447.06				
60.5	-1.04	32.19	1441.42				
62.8	-0.05	32.28	1446.21				
65.0	0.25	32.26	1447.57				
67.3	0.24	32.27	1447.59				
69.5	0.16	32.28	1447.28				
71.6	0.08	32.27	1446.94				
73.8	-0.24	32.35	1445.58				
76.0	-0.23	32.36	1445.69				
78.2	-0.37	32.38	1445.12				
80.4	-0.42	32.38	1444.92				
82.7	-0.63	32.37	1443.98				
84.9	-0.73	32.41	1443.56				
87.1	-0.71	32.42	1443.68				
89.3	-0.78	32.41	1443.41				
91.6	-1.04	32.49	1442.33				
93.7	-1.05	32.68	1442.59				
95.9	-1.28	32.74	1441.59				
98.0	-1.54	32.89	1440.61				
100.3	-1.60	33.00	1440.52				
102.4	-1.60	33.07	1440.62				
104.6	-1.61	33.09	1440.66				
106.9	-1.61	33.13	1440.71				
109.0	-1.61	33.16	1440.80				
111.2	-1.60	33.21	1440.95				
113.4	-1.59	33.24	1441.09				
115.6	-1.56	33.32	1441.34				
117.8	-1.54	33.33	1441.52				
120.0	-1.42	33.46	1442.28				
122.1	-1.29	33.59	1443.13				
124.2	-1.16	33.73	1443.94				
126.3	-1.02	33.89	1444.85				
128.3	-0.79	34.21	1446.41				
130.5	-0.59	34.28	1447.45				
132.6	-0.47	34.43	1448.24				
134.8	-0.26	34.55	1449.45				
137.0	-0.19	34.59	1449.85				
139.2	-0.13	34.62	1450.17				
141.4	-0.10	34.65	1450.40				
143.6	-0.05	34.68	1450.72				
145.8	-0.01	34.68	1450.92				
148.1	0.00	34.69	1451.00				
150.3	0.00	34.69	1451.06				
155.4	0.01	34.70	1451.22				
160.7	0.05	34.72	1451.49				
165.8	0.07	34.73	1451.70				
170.9	0.11	34.74	1451.96				
176.2	0.15	34.75	1452.23				
181.5	0.17	34.76	1452.42				
186.8	0.20	34.77	1452.66				
191.9	0.23	34.77	1452.89				
197.0	0.23	34.78	1453.00				
202.3	0.25	34.79	1453.20				
207.5	0.27	34.79	1453.34				
212.7	0.28	34.80	1453.51				

MIZPAC 85  
DATE: 85/09/06  
LAT: 71 59.2 N

CAST# 88 DOWN  
TIME: 11:57:36  
LON: 152 48.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.81	19.11	1424.01	217.2	-0.61	34.44	1449.03
1.3	-0.92	20.83	1425.79	222.4	-0.55	34.48	1449.42
2.6	-0.87	22.44	1428.22	227.5	-0.46	34.53	1449.98
3.9	-0.62	23.40	1430.70	232.6	-0.42	34.56	1450.28
5.2	-0.37	23.60	1432.22	237.8	-0.36	34.59	1450.72
6.4	0.17	24.89	1436.48	243.0	-0.31	34.60	1451.04
7.7	0.39	24.68	1437.25	248.1	-0.23	34.63	1451.54
9.0	0.42	24.55	1437.25	253.2	-0.17	34.65	1451.89
10.1	0.89	25.78	1441.07	258.3	-0.10	34.68	1452.34
12.3	0.29	26.81	1439.70	263.6	-0.06	34.69	1452.64
14.4	0.90	27.61	1443.63	268.8	-0.01	34.70	1452.99
16.4	1.60	28.28	1447.69	274.0	0.04	34.72	1453.30
18.5	1.14	29.14	1446.78	279.2	0.07	34.72	1453.52
20.6	-0.82	29.16	1437.78	284.4	0.13	34.74	1453.91
22.9	-1.19	29.72	1436.81	289.7	0.16	34.75	1454.18
25.1	-1.28	30.03	1436.82	295.0	0.22	34.77	1454.52
27.3	-1.30	30.29	1437.10	300.2	0.26	34.78	1454.84
29.5	-1.31	30.58	1437.50	310.6	0.32	34.80	1455.27
31.7	-1.31	30.84	1437.88	321.1	0.34	34.81	1455.59
33.9	-1.31	31.11	1438.25	331.2	0.37	34.82	1455.86
36.2	-1.33	31.32	1438.50	341.7	0.38	34.82	1456.08
38.4	-1.35	31.44	1438.61	352.3	0.39	34.83	1456.32
40.6	-1.29	31.56	1439.06	362.5	0.41	34.84	1456.58
42.8	-1.25	31.68	1439.47	372.8	0.42	34.85	1456.82
45.1	-1.24	31.75	1439.64	383.2	0.43	34.75	1456.92
47.3	-1.20	31.72	1439.86	393.7	0.44	34.85	1457.28
49.5	-1.36	31.86	1439.28	404.1	0.45	34.87	1457.51
51.6	-1.37	31.89	1439.33	414.7	0.45	34.88	1457.71
53.9	-1.36	31.93	1439.46	424.8	0.46	34.88	1457.88
56.1	-1.37	31.97	1439.48	435.0	0.46	34.89	1458.07
58.3	-1.35	32.00	1439.69	445.4	0.47	34.90	1458.32
60.6	-1.36	32.02	1439.69	455.8	0.48	34.91	1458.55
62.7	-1.52	32.06	1439.01	465.9	0.48	34.93	1458.75
64.9	-1.54	32.09	1439.02	476.0	0.49	34.93	1458.93
67.2	-1.57	32.12	1438.95	486.4	0.48	34.93	1459.09
69.3	-1.56	32.13	1439.03	496.5	0.48	34.94	1459.26
71.4	-1.49	32.16	1439.43	506.6	0.47	34.94	1459.38
73.5	-1.47	32.17	1439.59	517.0	0.47	34.94	1459.52
75.6	-1.44	32.20	1439.81	527.5	0.44	34.95	1459.61
77.7	-1.44	32.23	1439.87	538.0	0.43	34.95	1459.70
79.9	-1.41	32.26	1440.11	548.6	0.42	34.95	1459.83
82.1	-1.45	32.29	1439.97	559.1	0.41	34.95	1459.97
84.4	-1.48	32.32	1439.92	569.4	0.40	34.95	1460.10
86.6	-1.50	32.32	1439.88	579.8	0.38	34.95	1460.19
88.9	-1.62	32.36	1439.36				
91.0	-1.58	32.38	1439.64				
93.2	-1.52	32.40	1439.94				
95.3	-1.55	32.41	1439.89				
97.4	-1.56	32.44	1439.89				
99.5	-1.55	32.46	1440.01				
101.8	-1.52	32.49	1440.22				
103.9	-1.53	32.50	1440.22				
106.1	-1.55	32.52	1440.21				
108.2	-1.59	32.54	1440.08				
110.5	-1.60	32.56	1440.10				
112.6	-1.57	32.58	1440.28				
114.7	-1.49	32.61	1440.77				
116.9	-1.49	32.63	1440.81				
119.0	-1.55	32.67	1440.62				
121.2	-1.61	32.69	1440.37				
123.5	-1.62	32.72	1440.39				
125.6	-1.59	32.74	1440.60				
127.8	-1.60	32.77	1440.62				
130.1	-1.55	32.82	1440.99				
132.2	-1.54	32.83	1441.10				
134.5	-1.54	32.87	1441.16				
136.9	-1.56	32.89	1441.17				
139.2	-1.59	32.92	1441.06				
141.3	-1.60	32.94	1441.08				
143.4	-1.61	32.97	1441.11				
145.5	-1.62	33.00	1441.16				
147.6	-1.59	33.04	1441.37				
149.7	-1.58	33.06	1441.51				
155.0	-1.58	33.12	1441.66				
160.1	-1.59	33.18	1441.79				
165.3	-1.58	33.26	1442.03				
170.4	-1.62	33.35	1442.01				
175.7	-1.60	33.44	1442.31				
180.8	-1.55	33.57	1442.82				
186.1	-1.42	33.76	1443.76				
191.2	-1.36	33.91	1444.34				
196.4	-1.38	34.01	1444.46				
201.5	-1.21	34.12	1445.54				
206.7	-0.93	34.24	1447.08				
212.0	-0.73	34.35	1448.24				

MIZPAC 85  
DATE: 85/09/06  
LAT: 72 00.4 N

CAST# 89 DOWN  
TIME: 16:53:28  
LON: 151 24.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.90	18.95	1423.30	216.3	-0.32	34.60	1450.56
1.2	-0.89	20.95	1426.09	221.5	-0.27	34.62	1450.90
2.3	-0.87	21.32	1426.68	226.6	-0.23	34.64	1451.20
3.4	-0.85	21.56	1427.13	231.8	-0.15	34.66	1451.65
4.6	-0.82	21.81	1427.63	236.9	-0.07	34.68	1452.15
5.8	-0.75	22.08	1428.34	242.2	-0.03	34.69	1452.41
7.0	-0.73	22.01	1428.35	247.5	0.03	34.72	1452.83
8.1	-0.73	22.01	1428.39	252.6	0.07	34.73	1453.12
9.3	-0.69	22.15	1428.79	257.8	0.10	34.74	1453.35
11.5	0.54	24.92	1438.32	263.1	0.13	34.75	1453.56
13.7	-0.13	26.27	1437.05	268.4	0.16	34.76	1453.82
15.8	1.92	27.72	1448.36	273.5	0.19	34.76	1454.06
17.9	2.02	27.91	1449.09	278.7	0.22	34.77	1454.26
20.1	2.04	28.24	1449.68	284.0	0.24	34.78	1454.47
22.2	3.25	28.58	1455.45	289.2	0.25	34.78	1454.60
24.3	3.54	28.72	1456.92	294.5	0.28	34.79	1454.84
26.4	3.06	28.94	1455.13	299.6	0.31	34.80	1455.05
28.5	2.28	28.81	1451.61	309.9	0.34	34.81	1455.40
30.6	2.14	29.56	1451.99	320.3	0.36	34.82	1455.67
32.7	1.06	30.04	1447.84	330.4	0.36	34.82	1455.81
34.8	0.81	30.37	1447.16	340.7	0.37	34.83	1456.04
36.9	0.50	30.72	1446.23	351.0	0.37	34.83	1456.23
39.0	-0.55	31.14	1441.97	361.3	0.39	34.84	1456.48
41.2	-1.11	31.55	1439.92	371.4	0.40	34.84	1456.69
43.4	-0.89	31.62	1441.08	381.6	0.40	34.84	1456.88
45.6	-0.96	31.67	1440.89	391.8	0.41	34.85	1457.08
47.8	-0.99	31.77	1440.89	402.0	0.42	34.86	1457.29
50.1	-1.18	31.86	1440.18	412.5	0.43	34.86	1457.52
52.3	-1.11	31.97	1440.70	423.0	0.43	34.86	1457.71
54.6	-1.39	32.00	1439.43	433.1	0.44	34.87	1457.92
56.8	-1.22	32.08	1440.35	443.3	0.44	34.87	1458.10
59.1	-1.29	32.10	1440.09	453.7	0.44	34.87	1458.24
61.4	-1.35	32.17	1439.97	463.8	0.44	34.87	1458.45
63.6	-1.42	32.20	1439.67	474.0	0.45	34.88	1458.63
65.7	-1.46	32.27	1439.66	484.2	0.44	34.88	1458.79
67.9	-1.49	32.34	1439.64	494.4	0.45	34.88	1458.98
70.2	-1.51	32.39	1439.61	504.7	0.46	34.88	1459.20
72.5	-1.54	32.44	1439.58	514.8	0.47	34.89	1459.41
74.6	-1.54	32.48	1439.66	524.9	0.47	34.89	1459.59
76.7	-1.55	32.50	1439.69	535.2	0.44	34.88	1459.62
78.8	-1.58	32.52	1439.58	545.3	0.42	34.89	1459.72
81.1	-1.60	32.53	1439.58	555.6	0.41	34.90	1459.82
83.3	-1.62	32.56	1439.52	566.0	0.39	34.90	1459.93
85.6	-1.62	32.57	1439.61	576.3	0.38	34.90	1460.06
87.9	-1.60	32.60	1439.77	586.7	0.37	34.90	1460.17
90.1	-1.61	32.62	1439.78	597.2	0.35	34.90	1460.28
92.4	-1.63	32.64	1439.75	607.5	0.34	34.91	1460.38
94.7	-1.64	32.67	1439.78	617.9	0.32	34.91	1460.46
97.0	-1.65	32.68	1439.77	628.2	0.30	34.91	1460.53
99.2	-1.65	32.71	1439.83	638.6	0.28	34.91	1460.63
101.3	-1.65	32.71	1439.88	649.0	0.27	34.91	1460.75
103.4	-1.65	32.73	1439.96	659.3	0.26	34.91	1460.87
105.5	-1.64	32.75	1440.05	669.8	0.25	34.91	1460.99
107.7	-1.64	32.76	1440.11	680.1	0.23	34.92	1461.11
109.8	-1.64	32.78	1440.15	690.5	0.22	34.91	1461.22
111.9	-1.64	32.80	1440.22	700.9	0.21	34.92	1461.34
114.1	-1.64	32.81	1440.28	711.3	0.20	34.92	1461.47
116.3	-1.63	32.85	1440.38	721.7	0.19	34.92	1461.58
118.5	-1.62	32.87	1440.51	732.1	0.18	34.92	1461.73
120.6	-1.61	32.92	1440.67	742.5	0.17	34.92	1461.85
122.7	-1.60	32.98	1440.86	752.8	0.16	34.92	1461.95
124.9	-1.59	33.03	1441.00	763.2	0.14	34.92	1462.06
127.1	-1.59	33.08	1441.11	773.6	0.13	34.92	1462.17
129.2	-1.58	33.14	1441.23	783.9	0.12	34.92	1462.29
131.3	-1.62	33.20	1441.16	794.3	0.10	34.92	1462.41
133.5	-1.57	33.27	1441.55	804.6	0.10	34.92	1462.55
135.7	-1.51	33.37	1441.98	814.9	0.09	34.92	1462.69
137.9	-1.56	33.40	1441.86	825.1	0.08	34.92	1462.79
140.1	-1.54	33.48	1442.06	835.2	0.07	34.92	1462.92
142.2	-1.54	33.52	1442.15	845.7	0.05	34.92	1463.02
144.5	-1.52	33.58	1442.39				
146.7	-1.48	33.62	1442.65				
148.8	-1.39	33.70	1443.21				
154.1	-1.34	33.81	1443.71				
159.3	-1.30	33.90	1444.12				
164.6	-1.25	34.03	1444.62				
169.7	-1.15	34.11	1445.27				
174.8	-1.03	34.21	1446.04				
180.1	-0.77	34.31	1447.48				
185.2	-0.68	34.38	1448.09				
190.3	-0.63	34.42	1448.45				
195.5	-0.54	34.49	1449.02				
200.7	-0.47	34.52	1449.48				
205.9	-0.40	34.56	1449.94				
211.2	-0.37	34.58	1450.23				

MIZPAC 85  
 DATE: 85/09/06  
 LAT: 72 00.1 N

CAST# 90 DOWN  
 TIME: 23:40:38  
 LON: 150 07.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	-0.34	7.46	1410.70	221.7	-1.82	33.93	1442.66
1.3	-0.96	25.91	1432.44	226.8	-1.82	33.94	1442.78
2.4	-1.30	27.21	1432.56	231.9	-1.82	33.96	1442.89
3.6	-1.39	27.38	1432.37	237.3	-1.83	33.99	1442.97
4.7	-1.43	27.36	1432.15	242.7	-1.83	34.01	1443.09
5.9	-1.44	27.36	1432.11	247.8	-1.82	34.02	1443.21
7.1	-1.46	27.34	1432.03	252.9	-1.82	34.04	1443.34
8.2	-1.46	27.35	1432.05	258.1	-1.79	34.07	1443.60
9.4	-1.46	27.43	1432.17	263.4	-1.70	34.10	1444.16
11.6	-1.46	27.54	1432.35	268.6	-1.48	34.17	1445.38
13.7	-1.46	27.93	1432.92	273.8	-1.14	34.31	1447.25
15.9	-1.43	29.45	1435.15	279.1	-0.74	34.36	1449.30
18.0	-1.43	29.95	1435.87	284.2	-0.64	34.45	1449.96
20.2	-1.15	31.02	1438.68	289.3	-0.54	34.50	1450.60
22.4	-0.54	31.72	1442.53	294.5	-0.47	34.55	1451.06
24.6	-0.21	31.35	1443.62	299.6	-0.41	34.58	1451.48
26.8	0.45	31.50	1446.89	310.1	-0.24	34.65	1452.49
29.1	-1.09	31.38	1439.61	320.3	-0.11	34.69	1453.33
31.4	-1.30	31.61	1438.97	330.6	0.04	34.74	1454.26
33.4	-1.34	31.72	1438.94				
35.5	-1.33	31.80	1439.13				
37.7	-1.39	31.87	1438.99				
39.8	-1.10	31.91	1440.46				
42.1	-0.90	32.06	1441.65				
44.3	-0.77	32.01	1442.19				
46.5	-0.53	32.07	1443.44				
48.7	-0.28	32.10	1444.69				
50.8	-0.34	32.08	1444.42				
53.0	-0.40	32.16	1444.26				
55.3	-0.42	32.18	1444.26				
57.5	-0.47	32.20	1444.08				
59.6	-0.45	32.18	1444.19				
61.8	-0.52	32.21	1443.94				
63.8	-0.55	32.22	1443.84				
66.1	-0.65	32.25	1443.42				
68.3	-0.72	32.27	1443.19				
70.5	-0.77	32.27	1442.96				
72.6	-0.97	32.20	1441.99				
74.7	-1.45	32.31	1439.89				
77.0	-1.46	32.33	1439.90				
79.2	-1.45	32.37	1440.02				
81.5	-1.44	32.38	1440.14				
83.7	-1.42	32.40	1440.30				
86.0	-1.42	32.42	1440.36				
88.3	-1.45	32.43	1440.25				
90.5	-1.50	32.47	1440.10				
92.8	-1.48	32.49	1440.28				
95.1	-1.49	32.53	1440.34				
97.4	-1.44	32.54	1440.63				
99.7	-1.45	32.57	1440.64				
101.9	-1.44	32.60	1440.75				
104.1	-1.39	32.64	1441.10				
106.4	-1.43	32.65	1440.95				
108.5	-1.48	32.70	1440.81				
110.8	-1.51	32.74	1440.74				
113.2	-1.52	32.78	1440.78				
115.4	-1.53	32.82	1440.83				
117.5	-1.53	32.86	1440.91				
119.6	-1.55	32.91	1440.94				
121.9	-1.56	32.94	1440.95				
124.2	-1.57	32.97	1440.99				
126.6	-1.57	33.00	1441.08				
128.8	-1.58	33.05	1441.11				
131.0	-1.59	33.08	1441.16				
133.3	-1.59	33.12	1441.23				
135.7	-1.59	33.15	1441.31				
138.0	-1.60	33.19	1441.39				
140.2	-1.60	33.22	1441.46				
142.4	-1.61	33.25	1441.51				
144.6	-1.61	33.29	1441.55				
146.9	-1.63	33.34	1441.60				
149.0	-1.63	33.37	1441.63				
154.3	-1.64	33.42	1441.75				
159.5	-1.69	33.48	1441.66				
164.7	-1.66	33.56	1442.02				
169.9	-1.69	33.60	1442.02				
175.1	-1.76	33.65	1441.82				
180.3	-1.76	33.71	1442.00				
185.6	-1.78	33.76	1442.03				
190.7	-1.80	33.79	1442.06				
196.0	-1.81	33.82	1442.14				
201.1	-1.82	33.85	1442.24				
206.2	-1.82	33.87	1442.35				
211.3	-1.82	33.89	1442.46				
216.5	-1.82	33.91	1442.56				



MIZPAC 85  
DATE: 85/09/07  
LAT: 72 00.1 N

CAST# 91 DOWN  
TIME: 07:30:55  
LON: 148 44.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	-1.37	26.69	1431.48	229.1	-0.50	34.47	1449.75
1.5	-1.40	27.11	1431.94	234.3	-0.48	34.52	1450.02
2.6	-1.40	27.16	1432.00	239.5	-0.44	34.54	1450.31
3.8	-1.40	27.25	1432.18	244.8	-0.39	34.57	1450.65
5.0	-1.34	27.38	1432.63	249.9	-0.30	34.59	1451.18
6.2	-1.35	27.38	1432.60	255.1	-0.27	34.62	1451.43
7.5	-1.42	27.39	1432.31	260.4	-0.23	34.64	1451.73
8.6	-1.43	27.40	1432.30	265.5	-0.18	34.66	1452.11
9.9	-1.43	27.40	1432.33	270.8	-0.14	34.67	1452.39
12.0	-1.43	27.40	1432.37	276.0	-0.08	34.69	1452.76
14.1	-1.42	27.42	1432.44	281.3	-0.04	34.71	1453.06
16.1	-1.35	27.73	1433.23	286.6	0.01	34.72	1453.41
18.2	-1.32	27.92	1433.67	291.9	0.06	34.74	1453.73
20.3	-1.28	28.20	1434.28	297.0	0.10	34.75	1453.98
22.4	-1.24	28.35	1434.69	307.4	0.19	34.77	1454.64
24.6	-1.13	29.06	1436.20	317.5	0.25	34.79	1455.05
26.9	-1.13	29.33	1436.63	327.9	0.29	34.80	1455.46
29.0	-1.18	29.60	1436.81	338.3	0.33	34.81	1455.80
31.1	-1.23	29.80	1436.83	348.4	0.35	34.82	1456.08
33.2	-1.28	29.94	1436.82	359.0	0.38	34.83	1456.38
35.3	-1.32	30.08	1436.89	369.1	0.38	34.84	1456.59
37.4	-1.31	30.29	1437.25	379.3	0.39	34.84	1456.80
39.7	-1.32	30.64	1437.68	389.7	0.41	34.85	1457.04
42.0	-1.34	30.89	1437.99	400.0	0.41	34.86	1457.25
44.1	-1.36	31.15	1438.24	410.5	0.43	34.86	1457.49
46.2	-1.40	31.27	1438.29	421.0	0.43	34.87	1457.71
48.3	-1.40	31.42	1438.49	431.2	0.44	34.87	1457.91
50.4	-1.41	31.59	1438.71	441.4	0.44	34.87	1458.10
52.5	-1.40	31.72	1438.98	451.8	0.45	34.88	1458.28
54.6	-1.40	31.80	1439.12	462.1	0.45	34.88	1458.47
56.9	-1.39	31.91	1439.33	472.5	0.45	34.89	1458.67
59.1	-1.42	31.98	1439.34	483.0	0.46	34.89	1458.88
61.4	-1.42	32.05	1439.45	493.2	0.47	34.89	1459.08
63.5	-1.40	32.12	1439.68	503.5	0.48	34.90	1459.30
65.7	-1.42	32.12	1439.62	513.8	0.47	34.90	1459.44
67.8	-1.52	32.18	1439.28	524.1	0.47	34.90	1459.62
69.9	-1.50	32.20	1439.44	534.2	0.47	34.90	1459.75
72.0	-1.45	32.23	1439.74	544.3	0.45	34.90	1459.87
74.3	-1.46	32.28	1439.78	554.4	0.44	34.90	1459.99
76.6	-1.46	32.31	1439.88	564.5	0.44	34.90	1460.12
78.8	-1.47	32.37	1439.93	575.0	0.42	34.90	1460.24
80.9	-1.41	32.37	1440.25	585.4	0.42	34.90	1460.39
83.2	-1.44	32.41	1440.22	595.8	0.41	34.91	1460.53
85.4	-1.45	32.43	1440.24	606.3	0.39	34.91	1460.62
87.7	-1.45	32.45	1440.29	616.7	0.39	34.91	1460.77
90.1	-1.46	32.49	1440.35	626.8	0.38	34.91	1460.90
92.4	-1.46	32.52	1440.40	637.2	0.37	34.91	1461.03
94.7	-1.48	32.56	1440.43	647.7	0.36	34.91	1461.14
96.8	-1.48	32.58	1440.48	658.1	0.34	34.92	1461.25
99.1	-1.49	32.62	1440.53	668.2	0.33	34.92	1461.37
101.4	-1.52	32.66	1440.44	678.7	0.32	34.92	1461.50
103.7	-1.57	32.68	1440.30	689.1	0.31	34.92	1461.62
105.8	-1.59	32.70	1440.23				
107.9	-1.56	32.74	1440.50				
110.2	-1.57	32.75	1440.49				
112.3	-1.57	32.79	1440.56				
114.4	-1.58	32.83	1440.61				
116.5	-1.57	32.85	1440.70				
118.8	-1.55	32.90	1440.91				
120.9	-1.55	32.93	1440.97				
123.0	-1.57	32.95	1440.97				
125.3	-1.56	32.99	1441.08				
127.4	-1.56	33.01	1441.15				
129.6	-1.57	33.03	1441.18				
131.9	-1.58	33.05	1441.19				
134.0	-1.59	33.08	1441.20				
136.3	-1.58	33.10	1441.30				
138.4	-1.59	33.12	1441.31				
140.5	-1.58	33.15	1441.44				
142.6	-1.60	33.17	1441.43				
151.0	-1.58	33.28	1441.82				
156.1	-1.58	33.35	1442.00				
161.3	-1.54	33.44	1442.38				
166.4	-1.49	33.51	1442.81				
171.5	-1.43	33.59	1443.27				
176.7	-1.31	33.69	1444.06				
182.0	-1.25	33.80	1444.56				
187.2	-1.31	33.94	1444.56				
192.5	-1.14	33.94	1445.46				
197.8	-1.24	34.05	1445.23				
202.9	-1.03	34.16	1446.43				
208.1	-0.88	34.25	1447.35				
213.4	-0.72	34.33	1448.30				
218.7	-0.69	34.37	1448.55				
223.9	-0.57	34.43	1449.31				

MIZPAC 85  
 DATE: 85/09/07  
 LAT: 71 50.0 N

CAST# 92 DOWN  
 TIME: 18:40:12  
 LON: 148 43.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	-1.12	22.61	1427.18	227.5	-0.73	34.26	1448.38
1.2	-1.40	27.14	1431.98	232.7	-0.69	34.33	1448.75
2.5	-1.40	27.20	1432.07	237.8	-0.57	34.40	1449.47
3.6	-1.40	27.20	1432.07	243.0	-0.55	34.45	1449.73
4.9	-1.40	27.21	1432.13	248.2	-0.50	34.48	1450.08
6.3	-1.42	27.28	1432.14	253.3	-0.43	34.52	1450.54
7.4	-1.42	27.30	1432.16	258.3	-0.41	34.56	1450.77
8.7	-1.41	27.36	1432.33	263.5	-0.34	34.58	1451.18
10.0	-1.39	27.43	1432.56	268.6	-0.30	34.61	1451.52
12.2	-1.31	27.95	1433.65	273.7	-0.23	34.63	1451.93
14.3	-1.29	28.08	1433.96	279.0	-0.18	34.65	1452.29
16.5	-1.26	28.23	1434.36	284.2	-0.14	34.67	1452.57
18.9	-1.20	28.63	1435.24	289.5	-0.10	34.69	1452.90
21.1	-1.10	29.22	1436.52	294.8	-0.04	34.70	1453.26
23.2	-1.11	29.82	1437.31	299.9	0.02	34.72	1453.65
25.5	-1.20	30.15	1437.38	310.0	0.11	34.75	1454.26
27.6	-1.25	30.34	1437.41	320.2	0.20	34.77	1454.87
29.7	-1.30	30.47	1437.39	330.3	0.26	34.79	1455.35
31.9	-1.30	30.57	1437.58	340.4	0.33	34.81	1455.83
34.2	-1.34	30.79	1437.71	350.8	0.34	34.83	1456.10
36.4	-1.36	30.96	1437.88	361.1	0.36	34.83	1456.34
38.5	-1.35	31.17	1438.22	371.4	0.37	34.84	1456.56
40.6	-1.36	31.37	1438.49	381.6	0.40	34.85	1456.88
42.8	-1.38	31.54	1438.69	392.0	0.41	34.85	1457.10
44.9	-1.39	31.68	1438.83	402.1	0.42	34.86	1457.34
47.2	-1.39	31.78	1439.00	412.6	0.43	34.87	1457.56
49.3	-1.40	31.88	1439.13	422.7	0.44	34.87	1457.78
51.5	-1.41	32.00	1439.29	433.0	0.45	34.87	1457.98
53.7	-1.39	32.06	1439.48	443.5	0.45	34.88	1458.17
55.9	-1.45	32.14	1439.36	454.1	0.45	34.88	1458.36
58.4	-1.47	32.16	1439.33	464.5	0.45	34.88	1458.52
60.6	-1.46	32.18	1439.44	474.6	0.46	34.89	1458.74
62.9	-1.49	32.25	1439.43	485.1	0.46	34.89	1458.91
65.2	-1.46	32.27	1439.64	495.4	0.46	34.89	1459.09
67.3	-1.51	32.31	1439.47	505.5	0.46	34.90	1459.26
69.4	-1.53	32.36	1439.48	515.8	0.46	34.90	1459.41
71.8	-1.53	32.36	1439.51	526.0	0.46	34.90	1459.57
74.0	-1.56	32.38	1439.44	536.3	0.45	34.90	1459.72
76.4	-1.58	32.45	1439.47	546.7	0.46	34.90	1459.94
78.6	-1.59	32.47	1439.48	556.8	0.45	34.90	1460.05
80.7	-1.60	32.50	1439.53	567.4	0.44	34.91	1460.17
84.5	-1.59	32.52	1439.64	577.8	0.42	34.91	1460.26
86.6	-1.60	32.52	1439.67	588.0	0.41	34.91	1460.40
88.8	-1.60	32.54	1439.71	598.4	0.39	34.91	1460.47
91.1	-1.61	32.56	1439.74	608.8	0.38	34.91	1460.62
93.2	-1.62	32.58	1439.73	619.1	0.38	34.91	1460.77
95.5	-1.62	32.58	1439.78	629.5	0.36	34.91	1460.87
97.6	-1.62	32.60	1439.83	639.9	0.35	34.92	1460.98
99.8	-1.62	32.60	1439.89	650.3	0.34	34.92	1461.09
102.0	-1.61	32.61	1439.95	660.6	0.32	34.92	1461.20
104.1	-1.62	32.63	1439.99	670.7	0.31	34.92	1461.31
106.4	-1.61	32.63	1440.05	680.8	0.30	34.92	1461.42
108.5	-1.62	32.65	1440.10	691.0	0.29	34.92	1461.54
110.8	-1.59	32.68	1440.31				
113.1	-1.57	32.70	1440.43				
115.4	-1.55	32.74	1440.62				
117.5	-1.54	32.77	1440.75				
119.8	-1.58	32.80	1440.63				
122.1	-1.59	32.83	1440.68				
124.4	-1.58	32.87	1440.83				
126.5	-1.57	32.89	1440.94				
128.8	-1.57	32.93	1441.04				
131.1	-1.57	32.97	1441.12				
133.2	-1.58	33.01	1441.17				
135.3	-1.59	33.03	1441.18				
137.5	-1.60	33.06	1441.19				
139.9	-1.60	33.08	1441.24				
142.1	-1.62	33.10	1441.22				
144.2	-1.64	33.11	1441.18				
146.6	-1.64	33.13	1441.22				
148.8	-1.63	33.14	1441.32				
154.2	-1.65	33.17	1441.36				
159.4	-1.66	33.19	1441.45				
164.6	-1.68	33.22	1441.48				
169.7	-1.68	33.24	1441.56				
174.9	-1.64	33.26	1441.87				
180.2	-1.62	33.29	1442.09				
185.4	-1.58	33.35	1442.46				
190.6	-1.52	33.41	1442.90				
195.9	-1.50	33.54	1443.29				
201.1	-1.37	33.66	1444.12				
206.5	-1.28	33.79	1444.82				
211.7	-1.16	33.90	1445.61				
217.0	-0.99	34.04	1446.68				
222.3	-0.87	34.18	1447.53				

MIZPAC 85  
 DATE: 85/09/08  
 LAT: 71 30.3 N

CAST# 93 DOWN  
 TIME: 01:48:50  
 LON: 148 43.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.16	3.37	1406.12	234.6	-0.40	34.58	1450.44
1.5	-1.40	28.03	1433.16	239.8	-0.31	34.62	1451.01
2.8	-1.40	28.11	1433.30	245.0	-0.22	34.65	1451.57
4.1	-1.40	28.15	1433.36	250.2	-0.09	34.68	1452.27
5.3	-1.38	28.16	1433.49	255.5	-0.06	34.72	1452.53
6.6	-1.44	28.17	1433.26	261.1	0.01	34.72	1452.96
7.7	-1.45	28.18	1433.25	266.5	0.05	34.73	1453.26
8.9	-1.45	28.19	1433.28	271.6	0.10	34.75	1453.57
10.1	-1.44	28.19	1433.33	276.8	0.13	34.76	1453.82
12.5	-1.38	28.38	1433.93	282.2	0.18	34.77	1454.16
14.8	-1.28	28.56	1434.66	287.3	0.22	34.78	1454.43
16.8	-1.18	28.69	1435.37	292.8	0.24	34.79	1454.61
19.2	-1.15	28.89	1435.81	298.0	0.25	34.80	1454.78
21.6	-1.24	28.91	1435.41	308.1	0.28	34.81	1455.08
23.7	-1.35	29.19	1435.30	318.2	0.32	34.81	1455.43
26.1	-1.33	29.26	1435.54	328.7	0.34	34.82	1455.70
28.5	-1.33	29.47	1435.86	339.3	0.35	34.83	1455.95
30.9	-1.24	29.72	1436.69	349.9	0.37	34.83	1456.18
33.3	-1.27	30.06	1437.04	360.4	0.36	34.84	1456.34
35.7	-1.16	30.34	1437.95	371.1	0.37	34.84	1456.57
38.1	-0.68	30.73	1440.82	381.8	0.38	34.85	1456.78
40.5	0.23	30.79	1445.18	391.9	0.40	34.85	1457.03
42.8	-0.40	30.88	1442.41	402.1	0.40	34.85	1457.22
45.2	-1.38	31.38	1438.47	412.3	0.41	34.86	1457.42
47.6	-1.37	31.57	1438.84	422.5	0.42	34.87	1457.65
49.9	-1.38	31.68	1438.96	433.0	0.42	34.87	1457.84
52.0	-1.36	31.73	1439.15	443.5	0.43	34.87	1458.05
54.1	-1.38	31.82	1439.23	454.2	0.43	34.88	1458.24
56.5	-1.44	31.90	1439.06	464.9	0.43	34.88	1458.43
58.9	-1.48	31.96	1439.01	475.3	0.44	34.88	1458.63
61.3	-1.39	32.00	1439.53	485.9	0.44	34.88	1458.81
63.4	-1.40	32.02	1439.54	496.7	0.44	34.89	1458.99
65.8	-1.49	32.09	1439.23	507.4	0.45	34.89	1459.20
67.9	-1.43	32.12	1439.61	518.2	0.44	34.89	1459.37
70.3	-1.47	32.15	1439.52	529.1	0.45	34.89	1459.56
72.4	-1.42	32.17	1439.79	539.3	0.45	34.90	1459.73
74.8	-1.43	32.21	1439.86	549.6	0.44	34.90	1459.90
76.9	-1.42	32.24	1439.97	559.9	0.44	34.90	1460.05
79.0	-1.42	32.26	1440.04	570.4	0.43	34.90	1460.20
81.4	-1.43	32.29	1440.03	580.9	0.43	34.90	1460.35
83.5	-1.43	32.33	1440.12	591.3	0.42	34.90	1460.49
86.0	-1.46	32.37	1440.11	601.9	0.41	34.91	1460.62
88.4	-1.46	32.40	1440.15	612.6	0.41	34.91	1460.76
90.5	-1.43	32.42	1440.39	623.2	0.40	34.91	1460.90
92.9	-1.45	32.44	1440.33	633.7	0.39	34.91	1461.04
95.0	-1.48	32.49	1440.30	644.3	0.38	34.91	1461.17
97.1	-1.53	32.51	1440.14	654.8	0.36	34.91	1461.28
99.2	-1.55	32.55	1440.09	665.3	0.36	34.92	1461.42
101.6	-1.54	32.58	1440.24	675.9	0.34	34.91	1461.52
103.7	-1.53	32.61	1440.36	686.5	0.33	34.92	1461.66
105.8	-1.54	32.63	1440.39				
108.3	-1.55	32.66	1440.41				
110.7	-1.55	32.69	1440.48				
112.8	-1.56	32.72	1440.50				
114.9	-1.56	32.75	1440.59				
117.3	-1.57	32.78	1440.64				
119.4	-1.57	32.80	1440.69				
121.5	-1.56	32.85	1440.83				
123.6	-1.57	32.88	1440.85				
125.7	-1.58	32.90	1440.87				
128.2	-1.57	32.94	1441.02				
130.7	-1.57	32.97	1441.09				
133.2	-1.58	33.00	1441.12				
135.7	-1.59	33.05	1441.17				
138.2	-1.59	33.08	1441.27				
140.3	-1.59	33.10	1441.33				
142.8	-1.60	33.13	1441.37				
144.9	-1.61	33.16	1441.40				
147.0	-1.62	33.18	1441.43				
149.5	-1.61	33.21	1441.53				
154.9	-1.61	33.30	1441.76				
160.0	-1.60	33.37	1442.00				
165.5	-1.56	33.46	1442.35				
170.9	-1.51	33.55	1442.82				
176.0	-1.42	33.68	1443.52				
181.4	-1.20	33.82	1444.81				
186.7	-1.17	33.94	1445.23				
191.9	-1.23	34.02	1445.13				
197.3	-1.06	34.11	1446.14				
202.5	-0.90	34.22	1447.11				
207.8	-0.81	34.28	1447.68				
213.1	-0.69	34.38	1448.47				
218.3	-0.60	34.46	1449.09				
223.7	-0.55	34.50	1449.49				
229.2	-0.46	34.55	1450.03				

MIZPAC 85  
DATE: 85/09/08  
LAT: 71 31.6 N

CAST# 94 DOWN  
TIME: 17:28:15  
LON: 151 02.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	-0.27	5.66	1408.61	213.2	-1.18	34.02	1445.72
1.2	-0.38	9.11	1412.70	218.3	-0.92	34.20	1447.25
2.6	-1.05	25.80	1431.84	223.5	-0.79	34.32	1448.11
3.8	-1.10	25.92	1431.79	228.8	-0.63	34.41	1449.08
5.1	-1.10	25.92	1431.80	234.0	-0.57	34.47	1449.51
6.3	-1.09	25.95	1431.94	239.2	-0.49	34.51	1450.05
7.5	-1.04	26.05	1432.33	244.4	-0.43	34.56	1450.46
8.7	-0.79	26.54	1434.22	249.6	-0.39	34.57	1450.74
9.9	-0.17	27.57	1438.53	254.7	-0.34	34.60	1451.09
12.0	0.40	29.10	1443.24	259.9	-0.27	34.63	1451.52
14.2	0.62	29.97	1445.46	265.3	-0.22	34.65	1451.89
16.3	1.96	30.30	1451.94	270.5	-0.15	34.67	1452.32
18.4	2.14	30.56	1453.14	275.6	-0.07	34.70	1452.83
20.5	2.15	30.65	1453.32	280.7	0.00	34.72	1453.22
22.6	1.96	30.94	1452.91	286.0	0.03	34.74	1453.47
24.7	1.28	30.52	1449.36	291.2	0.08	34.74	1453.81
26.8	0.12	31.16	1444.96	296.5	0.12	34.76	1454.12
28.9	0.09	31.33	1445.04	307.0	0.22	34.78	1454.76
31.0	-0.01	31.44	1444.78	317.6	0.28	34.80	1455.22
33.1	-0.05	31.65	1444.91	327.9	0.31	34.81	1455.55
35.2	-0.43	31.66	1443.21	338.4	0.35	34.82	1455.93
37.3	-0.20	31.73	1444.39	348.8	0.36	34.83	1456.16
39.4	-0.43	31.83	1443.47	359.2	0.37	34.83	1456.36
41.5	-0.16	31.86	1444.80	369.6	0.37	34.84	1456.55
43.6	-0.41	31.84	1443.66	380.2	0.38	34.85	1456.76
45.7	-0.42	31.89	1443.69	390.7	0.39	34.85	1456.98
47.8	-0.50	31.96	1443.48	400.8	0.40	34.85	1457.19
49.9	-0.60	31.99	1443.09	411.3	0.40	34.86	1457.40
52.0	-0.73	32.05	1442.58	421.9	0.41	34.86	1457.60
54.1	-0.91	32.07	1441.78	432.2	0.41	34.87	1457.80
56.5	-1.01	32.10	1441.40	442.6	0.42	34.87	1458.00
58.6	-1.04	32.11	1441.33	453.0	0.43	34.83	1458.15
61.0	-0.99	32.20	1441.72	463.1	0.41	34.86	1458.31
63.2	-1.08	32.17	1441.28	473.6	0.42	34.86	1458.50
65.2	-1.12	32.22	1441.21	483.7	0.42	34.87	1458.68
67.3	-1.12	32.22	1441.24	494.1	0.42	34.87	1458.85
69.5	-1.24	32.22	1440.68	504.4	0.43	34.87	1459.06
71.6	-1.26	32.28	1440.71	514.8	0.43	34.88	1459.25
73.7	-1.24	32.28	1440.83	525.3	0.43	34.88	1459.43
76.1	-1.22	32.31	1441.02	536.0	0.43	34.88	1459.62
78.2	-1.24	32.31	1440.92	546.1	0.43	34.88	1459.78
80.3	-1.27	32.33	1440.89	556.3	0.43	34.88	1459.94
82.4	-1.23	32.34	1441.11	566.8	0.42	34.89	1460.08
84.5	-1.29	32.34	1440.86	577.4	0.42	34.89	1460.24
86.7	-1.37	32.36	1440.56	587.9	0.41	34.89	1460.40
89.1	-1.26	32.38	1441.12	598.1	0.41	34.89	1460.54
91.2	-1.33	32.39	1440.85	608.2	0.40	34.89	1460.68
93.3	-1.33	32.41	1440.88	618.5	0.40	34.90	1460.82
95.4	-1.35	32.42	1440.87	628.8	0.38	34.90	1460.93
97.8	-1.37	32.43	1440.79	639.2	0.37	34.90	1461.06
100.0	-1.39	32.45	1440.78	649.5	0.37	34.90	1461.21
102.2	-1.40	32.46	1440.75	659.9	0.36	34.90	1461.33
104.4	-1.42	32.46	1440.72	670.2	0.35	34.90	1461.47
106.7	-1.44	32.48	1440.68	680.6	0.34	34.90	1461.59
108.8	-1.49	32.50	1440.51	691.0	0.33	34.90	1461.71
110.9	-1.52	32.52	1440.40				
113.0	-1.52	32.54	1440.47				
115.2	-1.55	32.54	1440.40				
117.3	-1.55	32.56	1440.46				
119.4	-1.54	32.58	1440.55				
121.5	-1.55	32.58	1440.53				
123.7	-1.58	32.60	1440.43				
125.8	-1.60	32.61	1440.41				
128.0	-1.59	32.63	1440.51				
130.4	-1.62	32.64	1440.42				
132.5	-1.63	32.65	1440.41				
134.8	-1.62	32.67	1440.52				
136.9	-1.63	32.68	1440.54				
139.3	-1.63	32.69	1440.57				
141.4	-1.63	32.70	1440.62				
143.6	-1.65	32.71	1440.59				
146.0	-1.64	32.72	1440.68				
148.2	-1.65	32.73	1440.66				
150.3	-1.64	32.74	1440.76				
155.7	-1.66	32.79	1440.86				
160.9	-1.65	32.84	1441.02				
166.2	-1.65	32.86	1441.14				
171.3	-1.64	32.89	1441.32				
176.4	-1.60	32.95	1441.69				
181.8	-1.59	33.06	1441.94				
186.9	-1.60	33.20	1442.20				
192.0	-1.59	33.31	1442.45				
197.4	-1.55	33.47	1442.97				
202.7	-1.43	33.65	1443.85				
207.9	-1.27	33.91	1445.06				



MIZPAC 85      CAST# 95 DOWN  
 DATE: 85/09/08      TIME: 20:35:34  
 LAT: 71 31.2      LON: 151 35.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	-0.33	6.16	1408.99	217.2	-0.40	34.54	1450.12
1.5	-0.68	22.27	1428.89	222.3	-0.37	34.58	1450.42
2.6	-0.70	23.11	1429.93	227.5	-0.26	34.62	1451.02
3.7	-0.58	23.33	1430.84	232.8	-0.22	34.67	1451.38
4.9	-0.39	23.72	1432.27	237.9	-0.15	34.67	1451.81
6.2	-0.22	24.13	1433.64	243.1	-0.10	34.70	1452.15
7.5	-0.36	23.40	1432.01	248.3	-0.04	34.70	1452.50
8.7	0.45	25.54	1438.71	253.4	-0.01	34.72	1452.76
10.0	1.54	27.42	1446.19	258.6	0.02	34.72	1453.00
12.1	3.87	29.50	1459.11	263.7	0.07	34.74	1453.32
14.2	3.10	29.75	1456.20	268.8	0.12	34.76	1453.65
16.2	3.36	30.17	1457.90	274.0	0.16	34.77	1453.91
18.4	3.61	30.65	1459.61	279.1	0.19	34.77	1454.14
20.5	3.08	30.65	1457.37	284.4	0.21	34.78	1454.35
22.8	1.54	30.76	1450.79	289.5	0.24	34.79	1454.59
24.9	0.51	31.35	1446.97	294.6	0.25	34.79	1454.71
27.0	1.27	31.29	1450.35	299.7	0.27	34.80	1454.91
29.1	0.00	31.43	1444.80	309.9	0.31	34.81	1455.25
31.3	-0.07	31.57	1444.68	320.0	0.33	34.82	1455.52
33.4	-0.20	31.72	1444.33	330.3	0.34	34.83	1455.74
35.6	-0.33	31.71	1443.74	340.4	0.35	34.83	1455.97
37.8	-0.88	31.83	1441.38	350.7	0.35	34.83	1456.16
40.0	-0.33	31.93	1444.10	360.8	0.37	34.84	1456.40
42.2	0.20	31.92	1446.60	371.1	0.36	34.84	1456.55
44.3	0.32	31.97	1447.22	381.4	0.37	34.85	1456.74
46.5	0.23	31.95	1446.81	391.5	0.38	34.85	1456.95
48.6	-0.03	31.85	1445.54	401.6	0.38	34.85	1457.13
50.8	-0.31	32.02	1444.49	411.7	0.39	34.86	1457.35
52.9	-0.24	32.02	1444.86	422.0	0.40	34.86	1457.55
55.0	-0.38	32.01	1444.24	432.4	0.40	34.86	1457.75
57.1	-0.60	32.06	1443.32	442.9	0.40	34.87	1457.93
59.3	-0.66	32.08	1443.08	453.4	0.41	34.87	1458.14
61.4	-0.73	32.09	1442.79	463.6	0.41	34.87	1458.31
63.7	-0.73	32.09	1442.82	473.9	0.41	34.87	1458.50
65.9	-0.71	32.09	1442.95	484.2	0.42	34.87	1458.68
68.0	-0.75	32.10	1442.83	494.5	0.42	34.88	1458.88
70.3	-0.75	32.10	1442.84	504.7	0.42	34.88	1459.05
72.4	-0.85	32.12	1442.45	515.3	0.43	34.88	1459.26
74.7	-0.81	32.17	1442.73	525.4	0.43	34.88	1459.44
76.8	-0.75	32.13	1442.99	535.8	0.44	34.89	1459.63
79.0	-0.71	32.11	1443.17	546.2	0.44	34.89	1459.80
81.1	-0.74	32.15	1443.13	556.3	0.44	34.89	1459.98
83.2	-0.72	32.17	1443.29	566.7	0.44	34.89	1460.15
85.4	-0.76	32.16	1443.14	577.0	0.43	34.89	1460.30
87.8	-0.68	32.17	1443.55	587.4	0.43	34.89	1460.45
90.1	-0.66	32.17	1443.70				
92.4	-0.67	32.18	1443.71				
94.5	-0.90	32.15	1442.59				
96.8	-1.08	32.14	1441.78				
98.9	-1.12	32.23	1441.75				
101.0	-1.13	32.24	1441.75				
103.2	-1.33	32.29	1440.93				
105.3	-1.36	32.34	1440.86				
107.4	-1.39	32.35	1440.75				
109.6	-1.41	32.36	1440.73				
111.7	-1.38	32.40	1440.94				
114.0	-1.35	32.40	1441.11				
116.3	-1.42	32.42	1440.84				
118.4	-1.45	32.43	1440.78				
120.6	-1.44	32.45	1440.86				
122.7	-1.45	32.44	1440.83				
124.9	-1.53	32.50	1440.59				
127.0	-1.57	32.52	1440.47				
129.4	-1.58	32.55	1440.46				
131.7	-1.62	32.57	1440.35				
134.0	-1.58	32.60	1440.61				
136.2	-1.59	32.61	1440.62				
138.5	-1.60	32.65	1440.64				
140.7	-1.58	32.69	1440.85				
142.9	-1.60	32.68	1440.80				
145.1	-1.53	32.72	1441.22				
147.3	-1.63	32.73	1440.78				
149.5	-1.63	32.78	1440.85				
154.6	-1.59	32.85	1441.27				
159.8	-1.56	32.93	1441.56				
164.9	-1.59	33.02	1441.63				
170.2	-1.59	33.05	1441.75				
175.6	-1.60	33.14	1441.95				
180.8	-1.48	33.44	1442.99				
186.1	-0.96	34.15	1446.49				
191.2	-0.79	34.32	1447.58				
196.4	-0.64	34.38	1448.48				
201.7	-0.46	34.45	1449.47				
206.8	-0.54	34.47	1449.23				
211.9	-0.44	34.53	1449.84				



MIZPAC 85  
DATE: 85/09/09  
LAT: 71 22.2 N

CAST# 96 DOWN  
TIME: 00:18:09  
LON: 151 32.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	-0.76	22.60	1428.96
1.1	-0.68	23.42	1430.46
2.3	-0.53	23.88	1431.79
3.5	0.10	25.77	1437.35
4.6	0.30	26.74	1439.59
5.7	0.58	26.95	1441.19
6.8	1.00	27.83	1444.27
7.9	1.94	28.25	1449.10
9.1	1.92	28.64	1449.52
10.3	2.14	28.75	1450.68
12.6	3.81	29.79	1459.31
14.7	3.69	29.73	1458.74
16.8	3.72	30.12	1459.41
18.9	3.49	30.31	1458.69
21.0	3.85	30.78	1460.86
23.1	3.92	30.80	1461.22
25.3	3.84	30.83	1460.94
27.4	1.06	31.25	1449.41
29.5	0.40	31.28	1446.46
31.7	1.55	31.44	1451.94
33.8	1.13	31.65	1450.34
36.0	0.99	31.69	1449.81
38.1	0.87	31.72	1449.31
40.3	0.71	31.75	1448.70
42.5	0.70	31.76	1448.69
44.7	0.66	31.77	1448.56
46.8	0.62	31.78	1448.42
48.9	0.61	31.79	1448.39
51.0	0.59	31.79	1448.36
53.2	0.56	31.79	1448.24
55.3	0.52	31.80	1448.13
57.5	0.53	31.81	1448.22
59.6	0.37	31.74	1447.45
61.6	0.29	31.76	1447.14
63.9	0.42	31.83	1447.85
65.9	0.45	31.82	1448.03
68.2	0.18	31.88	1446.91
70.4	0.30	31.91	1447.49
72.6	0.32	31.93	1447.65
74.9	0.32	31.92	1447.69

MIZPAC 85  
DATE: 85/09/09  
LAT: 71 31.7 N

CAST# 97 DOWN  
TIME: 02:52:26  
LON: 152 25.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	-0.24	23.74	1432.90
1.3	0.30	25.50	1437.82
2.5	0.39	25.69	1438.51
3.8	0.46	25.58	1438.70
5.1	0.55	25.63	1439.20
6.3	0.58	25.64	1439.39
7.5	0.67	25.77	1439.99
8.6	0.71	25.79	1440.21
9.9	1.36	27.42	1445.39
12.0	2.59	28.81	1452.71
14.1	3.75	29.64	1458.84
16.2	3.57	29.71	1458.16
18.3	3.49	29.74	1457.92
20.5	3.79	30.45	1460.14
22.8	2.67	30.54	1455.50
24.9	1.35	30.89	1450.13
27.0	1.78	31.00	1452.25
29.1	0.57	31.06	1446.88
31.2	1.19	31.24	1449.98
33.4	-0.38	31.40	1443.05
35.5	-0.50	31.66	1442.83
37.7	0.82	31.91	1449.29
39.8	0.25	31.56	1446.27
41.9	0.40	31.80	1447.30
44.2	0.06	31.78	1445.77
46.3	0.71	31.89	1448.92
48.5	0.47	31.88	1447.85
50.6	0.42	31.88	1447.67
52.8	-0.07	31.78	1445.31
55.0	-0.36	31.88	1444.12
57.1	-0.56	31.90	1443.22
59.3	-0.79	31.86	1442.16
61.6	-0.97	32.00	1441.51
63.8	-0.99	31.94	1441.39
66.1	-1.29	32.05	1440.15
68.3	-1.11	32.11	1441.14
70.4	-1.31	32.09	1440.20
72.6	-1.36	32.11	1440.03
74.7	-1.37	32.11	1440.01
76.8	-1.43	32.15	1439.77
78.9	-1.46	32.17	1439.73
81.1	-1.37	32.21	1440.24
83.2	-1.35	32.20	1440.35
85.3	-1.39	32.22	1440.23
87.4	-1.40	32.25	1440.26
89.5	-1.40	32.26	1440.31
91.6	-1.39	32.29	1440.43
93.7	-1.36	32.30	1440.62
95.8	-1.36	32.33	1440.67
97.9	-1.34	32.38	1440.89
100.0	-1.33	32.36	1440.93
102.3	-1.34	32.37	1440.94
104.4	-1.34	32.38	1440.97
106.5	-1.34	32.39	1441.01
108.6	-1.38	32.40	1440.90
110.7	-1.43	32.42	1440.69
112.8	-1.47	32.43	1440.54
115.1	-1.55	32.46	1440.27
117.6	-1.55	32.49	1440.36

MIZPAC 85  
DATE: 85/09/09  
LAT: 71 44.1 N

CAST# 98 DOWN  
TIME: 05:40:14  
LON: 152 57.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	0.14	23.94	1434.99
1.2	0.13	23.98	1435.02
2.5	0.13	23.97	1435.01
3.7	0.13	23.97	1435.02
4.9	0.14	23.99	1435.12
6.0	0.15	24.02	1435.25
7.2	0.18	24.06	1435.43
8.4	1.38	25.75	1443.25
9.5	1.83	26.85	1446.74
11.6	2.75	28.62	1453.15
13.7	2.94	28.87	1454.32
15.9	2.90	29.03	1454.42
18.0	3.25	29.56	1456.65
20.1	3.03	29.80	1456.06
22.2	1.21	30.25	1448.60
24.4	1.23	30.62	1449.22
26.5	-0.02	30.57	1443.49
28.6	-0.58	31.02	1441.50
30.7	-0.94	31.22	1440.14
32.8	-1.04	31.31	1439.83
35.0	-1.23	31.48	1439.18
37.2	-1.21	31.64	1439.51
39.5	-1.10	31.77	1440.26
41.6	-1.24	31.83	1439.68
43.8	-0.82	31.97	1441.90
45.9	-1.10	32.02	1440.69
48.1	-0.95	32.08	1441.49
50.3	-1.01	32.13	1441.33
52.4	-1.02	32.13	1441.31
54.5	-0.99	32.19	1441.59
56.7	-1.00	32.21	1441.56
58.8	-0.75	32.26	1442.90
61.0	-0.81	32.28	1442.67
63.1	-0.87	32.33	1442.46
65.2	-0.75	32.38	1443.12
67.3	-0.79	32.38	1442.98
69.4	-0.95	32.41	1442.27
71.5	-1.20	32.39	1441.10
73.7	-1.21	32.41	1441.14
75.9	-1.33	32.46	1440.67
78.0	-1.35	32.48	1440.63
80.2	-1.45	32.49	1440.21
82.4	-1.48	32.51	1440.13
84.5	-1.48	32.52	1440.18
86.7	-1.40	32.58	1440.67
88.8	-1.42	32.52	1440.55
91.0	-1.56	32.59	1440.00
93.2	-1.58	32.62	1439.98
95.3	-1.60	32.65	1439.97
97.4	-1.62	32.65	1439.90
99.6	-1.63	32.68	1439.93
101.8	-1.64	32.70	1439.91
103.9	-1.64	32.71	1439.95
106.1	-1.68	32.73	1439.87
108.3	-1.68	32.74	1439.89
110.4	-1.68	32.75	1439.95
112.5	-1.70	32.77	1439.93
114.7	-1.69	32.78	1439.99
116.8	-1.68	32.79	1440.08
118.9	-1.68	32.80	1440.14
121.1	-1.66	32.84	1440.33
123.2	-1.64	32.87	1440.50
125.4	-1.62	32.95	1440.76
127.5	-1.60	32.99	1440.93
129.6	-1.57	33.03	1441.16
131.7	-1.57	33.12	1441.32
133.9	-1.57	33.15	1441.38
136.0	-1.59	33.23	1441.44
138.2	-1.57	33.32	1441.67
140.3	-1.53	33.37	1441.98
142.4	-1.54	33.42	1442.07
144.5	-1.48	33.54	1442.55
146.7	-1.40	33.64	1443.06
148.8	-1.35	33.73	1443.48
154.0	-1.28	33.82	1443.98
159.2	-1.13	34.12	1445.21
164.4	-0.42	34.36	1448.91
169.5	-0.27	34.54	1449.94
174.6	-0.16	34.60	1450.60

MIZPAC 85  
DATE: 85/09/09  
LAT: 71 43.7 N

CAST# 99 DOWN  
TIME: 09:52:18  
LON: 154 17.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	1.12	26.25	1442.58
1.5	1.24	26.38	1443.30
2.7	3.52	29.94	1458.04
4.0	4.31	29.70	1461.09
5.2	4.63	29.91	1462.71
6.4	5.41	30.37	1466.54
7.6	5.84	30.35	1468.29
8.8	5.89	30.39	1468.55
10.0	5.97	30.37	1468.87
12.3	5.91	30.39	1468.70
14.6	5.65	30.45	1467.77
16.6	5.45	30.53	1467.10
18.8	5.39	30.68	1467.08
21.2	4.75	30.91	1464.75
23.4	4.41	31.17	1463.72
25.7	3.78	31.22	1461.17
27.9	3.75	31.24	1461.10
30.2	4.02	31.38	1462.47
32.4	4.33	31.33	1463.73
34.6	3.55	31.38	1460.53
37.0	3.50	31.39	1460.37

MIZPAC 85  
 DATE: 85/09/09  
 LAT: 71 38.6 N

CAST# 100 DOWN  
 TIME: 12:12:42  
 LON: 155 35.3 W

DEPTH (Meter)	TEMPERATURE (deg. C)	SALINITY (g/kg)	SPEED (M/S)
0.2	4.05	29.87	1460.15
1.2	4.07	29.85	1460.23
2.3	5.07	30.30	1464.98
3.4	5.20	30.34	1465.59
4.4	5.26	30.36	1465.86
5.6	5.57	30.54	1467.40
6.8	5.63	30.57	1467.68
8.0	5.65	30.59	1467.82
9.2	5.63	30.63	1467.81
11.4	5.48	30.74	1467.37
13.6	5.30	30.87	1466.82
15.7	5.14	30.86	1466.20
17.8	5.10	30.89	1466.10
20.0	5.21	30.90	1466.61
22.1	5.18	30.93	1466.56
24.3	5.21	30.99	1466.80
26.6	5.11	31.03	1466.48
28.7	4.57	31.15	1464.43
30.9	4.44	31.26	1464.08
33.0	4.19	31.42	1463.25
35.2	4.18	31.48	1463.35
37.4	4.20	31.74	1463.77
39.5	4.07	31.74	1463.29
41.7	3.88	31.63	1462.37
43.8	3.71	31.69	1461.78
46.0	3.34	31.42	1459.88
48.1	1.17	31.48	1450.47
50.3	0.90	31.80	1449.73
52.5	0.75	32.09	1449.46
54.6	1.44	32.11	1452.59
56.7	2.20	32.24	1456.16
58.9	2.37	32.16	1456.85
61.1	2.40	32.08	1456.94
63.3	2.24	32.17	1456.38
65.5	2.09	32.20	1455.78
67.7	1.91	32.22	1455.08
69.9	1.82	32.21	1454.69
72.1	1.72	32.21	1454.27
74.3	1.56	32.22	1453.61
76.5	1.40	32.25	1452.98
78.7	1.29	32.26	1452.55
80.9	1.17	32.27	1452.06
83.1	1.07	32.26	1451.60
85.4	0.98	32.29	1451.28
87.6	0.92	32.31	1451.07
89.7	0.86	32.31	1450.84
92.0	0.65	32.31	1449.95
94.1	0.54	32.26	1449.37
96.3	0.03	32.26	1447.07
98.5	-0.41	32.35	1445.19
100.6	-0.46	32.43	1445.10
102.7	-0.47	32.41	1445.08
104.9	-0.56	32.56	1444.90
107.0	-0.46	32.47	1445.26
109.2	-0.46	32.50	1445.33
111.4	-0.50	32.49	1445.20
113.5	-0.46	32.61	1445.57
115.7	-0.65	32.56	1444.66
117.8	-0.86	32.60	1443.75
119.9	-1.08	32.43	1442.52
122.2	-1.55	32.76	1440.76
124.3	-1.52	32.78	1440.99
126.4	-1.51	32.81	1441.08
128.4	-1.39	33.01	1441.95
130.5	-1.32	33.12	1442.50
132.8	-1.21	33.26	1443.24
135.1	-1.29	33.31	1442.96
137.2	-1.33	33.41	1442.95
139.3	-1.20	33.46	1443.65
141.5	-1.12	33.49	1444.12
143.8	-1.10	33.55	1444.32
145.9	-1.11	33.65	1444.44
148.1	-1.06	33.66	1444.72
150.2	-1.13	33.71	1444.48
155.5	-1.09	34.03	1445.19
160.8	-0.81	34.13	1446.72
166.0	-0.73	34.21	1447.32
171.2	-0.38	34.46	1449.35

MIZPAC 85                      CAST# 101 DOWN  
 DATE: 85/09/10                TIME: 06:32:36  
 LAT: 72 19.4 N                LON: 155 06.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.0	-0.36	24.49	1433.33	221.1	-0.45	34.53	1449.94
1.1	-0.31	24.95	1434.20	226.2	-0.39	34.56	1450.35
2.2	0.09	25.43	1436.77	231.3	-0.36	34.58	1450.59
3.3	0.28	25.92	1438.31	236.5	-0.28	34.60	1451.06
4.3	0.33	26.56	1439.44	241.6	-0.22	34.63	1451.47
5.5	0.22	27.98	1440.80	246.8	-0.13	34.65	1451.99
6.7	0.38	28.24	1441.92	252.1	-0.10	34.66	1452.20
7.9	0.28	28.13	1441.34	257.2	-0.05	34.67	1452.55
9.1	-0.36	28.57	1438.94	262.3	0.00	34.69	1452.88
11.2	-0.87	29.03	1437.22	267.5	0.04	34.70	1453.19
13.3	-0.93	29.40	1437.45	272.6	0.08	34.71	1453.45
15.4	-1.03	29.73	1437.43	277.9	0.10	34.71	1453.65
17.5	0.03	30.21	1443.09	283.0	0.15	34.73	1453.99
19.6	-0.42	29.98	1440.72	288.2	0.19	34.74	1454.25
21.7	-0.02	30.50	1443.31	293.3	0.22	34.75	1454.47
23.8	0.03	30.85	1444.03	298.4	0.25	34.76	1454.71
25.9	-1.09	30.77	1438.74	308.7	0.30	34.77	1455.12
28.1	-1.33	31.08	1438.06	319.1	0.33	34.79	1455.44
30.3	-1.33	31.21	1438.24	329.4	0.35	34.80	1455.75
32.5	-0.84	31.79	1441.39	339.7	0.37	34.80	1455.97
34.7	-0.50	31.44	1442.55	349.9	0.39	34.81	1456.27
36.8	-1.36	31.53	1438.66	360.3	0.41	34.82	1456.54
39.1	-1.37	31.63	1438.77	370.6	0.43	34.83	1456.81
41.3	-1.36	31.71	1438.98	381.0	0.44	34.84	1457.05
43.6	-1.38	31.79	1439.00	391.4	0.45	34.84	1457.26
45.8	-1.39	31.86	1439.08	401.8	0.46	34.85	1457.45
48.1	-1.41	31.92	1439.13	412.2	0.46	34.85	1457.64
50.2	-1.41	31.97	1439.21	422.3	0.46	34.85	1457.82
52.4	-1.49	32.06	1439.01	432.4	0.47	34.86	1458.02
54.5	-0.01	32.11	1446.02	442.7	0.48	34.86	1458.24
56.6	0.15	32.16	1446.89	452.9	0.48	34.86	1458.43
58.8	-0.76	32.12	1442.64	463.3	0.49	34.87	1458.63
61.0	0.00	32.25	1446.37	473.8	0.49	34.87	1458.82
63.2	0.03	32.18	1446.48	483.9	0.49	34.87	1458.98
65.3	-0.88	31.98	1442.00	494.2	0.49	34.87	1459.15
67.5	-1.42	32.21	1439.79	504.3	0.48	34.87	1459.29
69.8	-0.82	32.30	1442.74	514.7	0.47	34.87	1459.41
72.0	-1.17	32.31	1441.16	525.1	0.45	34.88	1459.51
74.3	-1.07	32.29	1441.66	535.2	0.44	34.88	1459.60
76.5	-1.08	32.33	1441.72	545.3	0.43	34.88	1459.71
78.8	-1.23	32.37	1441.07	555.7	0.42	34.88	1459.85
81.0	-1.37	32.46	1440.54	565.8	0.41	34.88	1459.96
83.1	-1.33	32.44	1440.74	576.1	0.39	34.88	1460.08
85.3	-1.40	32.46	1440.49	586.6	0.38	34.88	1460.20
87.5	-1.49	32.50	1440.17	596.8	0.37	34.89	1460.31
89.8	-1.42	32.52	1440.52	607.0	0.35	34.88	1460.41
92.1	-1.49	32.54	1440.26	617.1	0.34	34.89	1460.53
94.3	-1.53	32.56	1440.16	627.4	0.33	34.89	1460.65
96.5	-1.52	32.57	1440.24	637.6	0.32	34.89	1460.76
98.8	-1.52	32.58	1440.32	647.9	0.30	34.89	1460.86
101.1	-1.54	32.60	1440.27	658.2	0.29	34.89	1460.97
103.3	-1.59	32.61	1440.07	668.6	0.28	34.89	1461.07
105.6	-1.61	32.62	1440.02	679.0	0.27	34.89	1461.21
107.9	-1.62	32.63	1440.05	689.1	0.25	34.89	1461.30
110.1	-1.63	32.63	1440.02				
112.3	-1.62	32.64	1440.10				
114.5	-1.65	32.65	1440.03				
116.8	-1.65	32.65	1440.06				
119.1	-1.66	32.66	1440.04				
121.4	-1.67	32.66	1440.05				
123.7	-1.67	32.67	1440.09				
126.0	-1.66	32.68	1440.18				
128.2	-1.66	32.69	1440.23				
130.3	-1.67	32.69	1440.23				
132.5	-1.68	32.70	1440.23				
134.8	-1.65	32.71	1440.44				
137.1	-1.65	32.70	1440.44				
139.3	-1.68	32.72	1440.38				
141.4	-1.68	32.72	1440.42				
143.6	-1.68	32.72	1440.46				
145.9	-1.68	32.73	1440.51				
148.2	-1.67	32.74	1440.57				
153.4	-1.67	32.74	1440.67				
158.7	-1.65	32.77	1440.89				
163.9	-1.64	32.79	1441.05				
169.0	-1.61	32.87	1441.41				
174.3	-1.49	33.07	1442.30				
179.5	-1.50	33.44	1442.86				
184.7	-1.44	33.71	1443.57				
190.0	-1.09	34.02	1445.78				
195.1	-0.85	34.25	1447.29				
200.4	-0.68	34.35	1448.28				
205.7	-0.57	34.42	1448.97				
210.9	-0.55	34.46	1449.20				
216.0	-0.49	34.49	1449.63				

MIZPAC 85  
DATE: 85/09/10  
LAT: 72 39.8 N

CAST# 102 DOWN  
TIME: 11:22:11  
LON: 154 58.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.07	21.42	1425.81	212.5	-1.09	33.65	1445.64
1.2	-0.99	21.83	1426.79	217.8	-1.22	33.78	1445.25
2.5	-0.42	23.68	1432.01	223.1	-1.19	33.86	1445.58
3.6	-0.14	24.51	1434.49	228.4	-0.81	33.99	1447.63
4.8	-0.05	25.07	1435.67	233.6	-0.73	34.15	1448.34
5.9	0.67	26.37	1440.75	238.9	-0.70	34.25	1448.68
7.1	0.65	26.86	1441.34	244.3	-0.64	34.33	1449.14
8.2	-0.41	27.18	1436.84	249.5	-0.60	34.47	1449.61
9.3	-1.22	27.50	1433.43	254.8	-0.52	34.53	1450.16
11.4	-0.52	28.51	1438.15	260.1	-0.44	34.56	1450.67
13.5	-1.19	28.86	1435.49	265.2	-0.38	34.59	1451.08
15.7	-0.15	29.29	1440.99	270.3	-0.30	34.62	1451.52
17.8	-0.25	30.13	1441.70	275.6	-0.24	34.64	1451.92
19.9	-0.99	30.40	1438.62	280.8	-0.15	34.66	1452.46
22.2	-0.37	30.53	1441.73	286.0	-0.10	34.68	1452.83
24.5	-0.47	30.68	1441.51	291.2	-0.02	34.70	1453.26
26.8	-1.31	31.01	1438.00	296.4	0.02	34.72	1453.57
29.0	0.18	31.43	1445.59	306.5	0.13	34.75	1454.26
31.1	0.38	31.73	1446.92	316.6	0.22	34.77	1454.88
33.1	1.58	31.70	1452.37	326.9	0.28	34.79	1455.35
35.3	0.13	31.48	1445.50	337.3	0.34	34.80	1455.79
37.4	-0.44	31.69	1443.18	347.5	0.37	34.81	1456.12
39.6	0.27	31.81	1446.67	357.6	0.37	34.82	1456.32
41.9	-0.95	31.74	1440.93	367.7	0.38	34.83	1456.52
44.0	-0.62	31.87	1442.72	377.9	0.39	34.83	1456.76
46.1	0.01	31.90	1445.72	388.3	0.41	34.84	1457.03
48.2	0.15	31.88	1446.38	398.8	0.43	34.85	1457.27
50.4	0.38	31.98	1447.58	409.3	0.44	34.85	1457.51
52.5	-0.15	31.96	1445.17	419.9	0.45	34.86	1457.72
54.8	-0.49	31.96	1443.60	430.0	0.44	34.86	1457.88
57.0	-0.12	32.04	1445.51	440.2	0.45	34.87	1458.10
59.1	0.19	32.10	1447.03	450.5	0.46	34.87	1458.28
61.2	0.26	32.10	1447.36	460.7	0.47	34.87	1458.51
63.3	0.35	32.14	1447.87	471.0	0.48	34.88	1458.72
65.4	0.31	32.15	1447.75	481.3	0.48	34.88	1458.93
67.6	0.22	32.12	1447.32	491.6	0.49	34.88	1459.12
69.7	0.12	32.17	1446.97	501.9	0.49	34.89	1459.31
72.0	-0.12	32.18	1445.89	512.4	0.49	34.89	1459.48
74.1	-0.03	32.18	1446.37	522.5	0.49	34.89	1459.63
76.2	-0.06	32.18	1446.25	533.0	0.48	34.89	1459.76
78.3	-0.01	32.19	1446.54	543.1	0.46	34.89	1459.86
80.5	0.15	32.22	1447.35	553.3	0.45	34.89	1459.98
82.6	0.12	32.21	1447.23	563.4	0.44	34.90	1460.09
84.7	-0.16	32.20	1445.97	573.9	0.43	34.90	1460.21
86.9	-0.25	32.21	1445.58	584.3	0.41	34.90	1460.33
89.0	-0.17	32.23	1446.03	594.8	0.40	34.90	1460.46
91.2	-0.51	32.17	1444.37	605.3	0.39	34.90	1460.58
93.4	-0.67	32.19	1443.72	615.8	0.38	34.90	1460.70
95.5	-1.32	32.21	1440.70	626.3	0.37	34.90	1460.81
97.6	-1.41	32.23	1440.31	636.8	0.35	34.90	1460.91
99.7	-1.42	32.25	1440.34	646.9	0.33	34.90	1461.00
101.8	-1.40	32.28	1440.50	657.4	0.32	34.90	1461.11
103.9	-1.13	32.35	1441.90	667.9	0.30	34.91	1461.20
106.0	-1.08	32.36	1442.20	678.4	0.29	34.91	1461.31
108.1	-0.99	32.36	1442.67	688.5	0.27	34.90	1461.41
110.2	-1.06	32.38	1442.39	699.0	0.26	34.90	1461.53
112.3	-1.43	32.38	1440.69	709.5	0.25	34.91	1461.66
114.4	-1.51	32.40	1440.33	719.6	0.23	34.90	1461.74
116.7	-1.54	32.42	1440.25	730.1	0.22	34.91	1461.85
118.8	-1.54	32.46	1440.33	740.6	0.20	34.91	1461.96
121.1	-1.56	32.47	1440.31	751.0	0.19	34.91	1462.09
123.2	-1.58	32.48	1440.28	761.5	0.18	34.91	1462.20
125.4	-1.53	32.47	1440.51	771.9	0.17	34.91	1462.31
127.5	-1.56	32.50	1440.47	782.3	0.16	34.91	1462.43
129.7	-1.53	32.53	1440.66	792.8	0.15	34.91	1462.57
131.8	-1.57	32.54	1440.52	802.9	0.13	34.91	1462.68
133.9	-1.61	32.56	1440.37	813.0	0.12	34.91	1462.80
136.1	-1.59	32.56	1440.53	823.4	0.11	34.91	1462.91
138.2	-1.61	32.59	1440.52	833.5	0.10	34.91	1463.03
140.3	-1.64	32.62	1440.44	843.6	0.09	34.92	1463.16
142.5	-1.66	32.63	1440.41	853.8	0.09	34.92	1463.30
144.7	-1.68	32.64	1440.35	864.0	0.08	34.92	1463.43
147.2	-1.70	32.66	1440.33	874.2	0.07	34.92	1463.56
149.3	-1.70	32.67	1440.36	884.4	0.06	34.92	1463.69
154.5	-1.71	32.70	1440.45	895.0	0.05	34.92	1463.81
159.8	-1.61	32.71	1441.03	905.1	0.04	34.92	1463.93
165.1	-1.62	32.80	1441.19	915.2	0.03	34.92	1464.05
170.2	-1.60	32.86	1441.45	925.4	0.02	34.92	1464.19
175.4	-1.64	32.95	1441.44	935.5	0.01	34.92	1464.32
180.8	-1.65	33.03	1441.59				
186.1	-1.62	33.12	1441.98				
191.3	-1.59	33.19	1442.29				
196.5	-1.56	33.26	1442.62				
201.8	-1.44	33.38	1443.42				
207.1	-1.19	33.52	1444.86				



MIZPAC 85  
 DATE: 85/09/10  
 LAT: 72 59.9 N

CAST# 103 DOWN  
 TIME: 16:47:56  
 LON: 155 01.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINTY (g/kg)	SPEED (M/S)
0.0	-0.87	20.13	1425.07	223.0	-0.42	34.57	1450.17
1.2	-0.95	21.59	1426.65	228.1	-0.35	34.59	1450.59
2.4	-0.95	21.64	1426.74	233.2	-0.30	34.62	1450.95
3.8	-0.94	21.66	1426.81	238.5	-0.24	34.64	1451.34
5.0	-0.92	21.74	1427.04	243.6	-0.17	34.66	1451.78
6.2	-0.85	22.01	1427.79	248.8	-0.12	34.67	1452.09
7.4	0.13	23.36	1434.26	254.0	-0.08	34.70	1452.42
8.6	-0.09	23.68	1433.67	259.3	-0.01	34.71	1452.81
9.9	-0.39	24.14	1432.88	264.5	0.02	34.72	1453.08
12.1	0.35	25.57	1438.34	269.7	0.08	34.73	1453.41
14.3	0.63	26.06	1440.29	274.8	0.12	34.74	1453.69
16.3	1.16	27.28	1444.38	280.0	0.16	34.76	1453.99
18.5	2.05	27.64	1448.89	285.2	0.19	34.77	1454.23
20.7	1.77	28.46	1448.75	290.4	0.22	34.78	1454.47
22.9	0.32	27.98	1441.56	295.6	0.25	34.78	1454.68
25.2	1.24	29.40	1447.69	305.9	0.30	34.81	1455.12
27.5	1.40	29.82	1449.01	316.3	0.34	34.82	1455.52
29.8	1.20	30.19	1448.60	326.8	0.37	34.83	1455.79
32.2	0.65	30.74	1446.90	337.2	0.38	34.83	1456.04
34.4	-0.44	30.82	1442.02	347.6	0.39	34.84	1456.28
36.7	-0.72	30.65	1440.47	358.2	0.41	34.85	1456.54
39.1	-0.86	31.10	1440.48	368.3	0.42	34.86	1456.78
41.3	-1.30	31.21	1438.56	378.5	0.44	34.86	1457.01
43.7	-1.11	31.49	1439.90	388.9	0.45	34.87	1457.24
46.0	-1.18	31.50	1439.60	399.3	0.45	34.87	1457.43
48.2	-1.34	31.58	1439.00	409.4	0.45	34.87	1457.59
50.4	-1.40	31.68	1438.88	419.5	0.45	34.88	1457.77
52.7	-1.38	31.76	1439.11	429.8	0.46	34.88	1457.97
54.8	-1.48	31.78	1438.69	440.1	0.47	34.89	1458.19
57.0	-1.43	31.84	1439.04	450.6	0.47	34.89	1458.40
59.2	-1.48	31.89	1438.94	461.2	0.48	34.89	1458.59
61.3	-1.48	31.94	1439.01	471.3	0.48	34.89	1458.75
63.5	-1.52	31.98	1438.93	481.5	0.49	34.90	1458.96
65.6	-1.53	32.02	1438.94	492.1	0.48	34.90	1459.10
67.8	-1.51	32.06	1439.12	502.5	0.46	34.90	1459.21
70.2	-1.52	32.10	1439.17	513.0	0.44	34.90	1459.26
72.6	-1.53	32.12	1439.20	523.5	0.43	34.90	1459.42
74.9	-1.53	32.15	1439.30	533.6	0.42	34.90	1459.52
77.1	-1.51	32.18	1439.45	543.7	0.41	34.90	1459.66
79.2	-1.51	32.21	1439.55	553.8	0.41	34.90	1459.80
81.4	-1.51	32.24	1439.60	563.9	0.39	34.91	1459.91
83.7	-1.52	32.28	1439.63	574.3	0.38	34.91	1460.03
85.8	-1.51	32.33	1439.80	584.8	0.36	34.91	1460.12
88.0	-1.52	32.34	1439.81	595.3	0.35	34.91	1460.22
90.1	-1.55	32.36	1439.73	605.8	0.33	34.91	1460.32
92.4	-1.56	32.40	1439.74	616.2	0.32	34.91	1460.44
94.5	-1.57	32.44	1439.80	626.7	0.30	34.91	1460.53
96.8	-1.58	32.47	1439.84	637.2	0.29	34.91	1460.65
99.1	-1.58	32.50	1439.93	647.6	0.27	34.91	1460.74
101.4	-1.59	32.53	1439.95	658.1	0.25	34.91	1460.83
103.6	-1.60	32.57	1439.99	668.6	0.24	34.91	1460.94
105.8	-1.60	32.60	1440.03	679.1	0.23	34.91	1461.05
108.0	-1.61	32.64	1440.09	689.5	0.22	34.91	1461.18
110.2	-1.61	32.68	1440.18				
112.6	-1.62	32.71	1440.24				
114.8	-1.62	32.75	1440.32				
116.9	-1.62	32.79	1440.41				
119.3	-1.62	32.82	1440.49				
121.5	-1.62	32.85	1440.57				
123.7	-1.62	32.87	1440.59				
126.0	-1.63	32.90	1440.66				
128.1	-1.62	32.94	1440.75				
130.4	-1.62	32.97	1440.85				
132.7	-1.63	33.01	1440.90				
135.1	-1.64	33.04	1440.93				
137.2	-1.65	33.08	1440.95				
139.4	-1.65	33.13	1441.07				
141.5	-1.65	33.16	1441.16				
143.7	-1.65	33.20	1441.24				
145.9	-1.64	33.23	1441.35				
148.0	-1.62	33.27	1441.56				
150.2	-1.61	33.31	1441.69				
155.5	-1.62	33.39	1441.81				
160.8	-1.59	33.48	1442.20				
166.0	-1.51	33.60	1442.79				
171.1	-1.39	33.78	1443.68				
176.4	-1.29	33.94	1444.46				
181.5	-1.18	34.10	1445.31				
186.7	-1.02	34.21	1446.26				
191.9	-0.80	34.28	1447.48				
197.0	-0.77	34.33	1447.79				
202.2	-0.69	34.41	1448.35				
207.4	-0.63	34.45	1448.75				
212.6	-0.56	34.50	1449.24				
217.9	-0.50	34.54	1449.65				

MIZPAC 85  
DATE: 85/09/10  
LAT: 72 33.8 N

CAST# 104 DOWN  
TIME: 23:31:26  
LON: 154 10.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	-0.89	0.01	1397.88	217.2	-1.51	33.48	1443.48
1.3	-0.88	0.01	1397.95	222.5	-1.49	33.56	1443.75
2.4	-0.92	0.01	1397.82	227.6	-1.45	33.64	1444.15
3.7	-0.95	0.01	1397.64	232.9	-1.41	33.75	1444.56
5.0	-0.99	0.01	1397.47	238.0	-1.32	33.88	1445.26
6.2	-1.03	0.01	1397.28	243.2	-1.38	33.95	1445.13
7.4	-1.07	0.01	1397.11	248.4	-1.27	34.05	1445.88
8.7	-1.10	0.01	1396.96	253.7	-0.94	34.24	1447.77
9.9	-1.13	0.01	1396.83	258.8	-0.82	34.28	1448.50
12.1	-1.15	0.01	1396.78	264.0	-0.76	34.35	1448.93
14.4	-1.18	0.01	1396.65	269.1	-0.71	34.40	1449.32
16.6	-1.17	0.01	1396.71	274.3	-0.64	34.45	1449.82
18.8	-1.07	0.02	1397.28	279.6	-0.56	34.49	1450.32
21.0	-1.12	0.02	1397.05	284.7	-0.47	34.54	1450.86
23.3	-1.20	0.02	1396.67	290.0	-0.40	34.57	1451.36
25.4	-1.18	0.03	1396.85	295.2	-0.30	34.62	1451.95
27.6	-1.14	0.06	1397.08	300.3	-0.22	34.64	1452.42
29.9	-1.13	0.15	1397.30	310.9	-0.16	34.67	1452.94
32.0	-1.35	0.46	1396.62	321.1	-0.03	34.71	1453.74
34.1	-1.56	0.25	1395.30	331.2	0.08	34.74	1454.46
36.3	-1.40	0.34	1396.26	341.7	0.17	34.77	1455.08
38.6	-1.48	0.87	1396.64	351.9	0.23	34.78	1455.55
40.8	-1.37	7.56	1406.27	362.2	0.29	34.80	1455.98
42.9	-1.50	12.35	1412.12	372.7	0.33	34.82	1456.36
45.1	-1.54	12.36	1411.98	383.1	0.36	34.82	1456.68
47.3	-1.47	12.43	1412.46	393.5	0.37	34.83	1456.93
49.5	-1.40	12.65	1413.16	404.0	0.39	34.84	1457.19
51.7	-1.50	12.65	1412.67	414.2	0.41	34.85	1457.44
53.9	-1.50	12.66	1412.74	424.6	0.43	34.86	1457.73
56.1	-1.16	12.70	1414.53	435.1	0.44	34.87	1457.96
58.3	-1.13	12.81	1414.84	445.2	0.45	34.87	1458.17
60.4	-1.28	12.79	1414.09	455.4	0.46	34.87	1458.37
62.6	-1.39	12.81	1413.62	465.7	0.45	34.88	1458.51
64.7	-1.39	12.81	1413.65	476.1	0.46	34.88	1458.75
66.9	-1.36	12.85	1413.87	486.6	0.47	34.89	1458.98
69.2	-1.35	12.86	1414.01	496.8	0.48	34.89	1459.20
71.3	-1.36	12.88	1413.98	507.0	0.49	34.89	1459.40
73.5	-1.35	12.88	1414.09	517.5	0.49	34.90	1459.57
75.8	-1.31	12.91	1414.37	527.6	0.49	34.90	1459.76
77.9	-1.30	12.93	1414.44	538.1	0.49	34.90	1459.90
80.1	-1.33	12.96	1414.40	548.2	0.47	34.90	1460.00
82.4	-1.35	12.98	1414.38	558.7	0.45	34.90	1460.10
84.6	-1.37	13.00	1414.30	569.2	0.44	34.90	1460.21
86.8	-1.42	13.03	1414.13	579.6	0.43	34.90	1460.32
89.0	-1.42	13.03	1414.19	589.7	0.41	34.90	1460.43
91.1	-1.48	13.04	1413.95	600.3	0.40	34.91	1460.56
93.4	-1.46	13.04	1414.08	610.8	0.39	34.91	1460.67
95.5	-1.42	13.05	1414.29	621.3	0.38	34.91	1460.79
97.6	-1.47	13.05	1414.10	631.4	0.37	34.91	1460.91
99.7	-1.53	13.08	1413.87	641.8	0.35	34.91	1461.02
101.8	-1.47	13.07	1414.19	652.3	0.33	34.91	1461.09
103.9	-1.48	13.09	1414.21	662.7	0.31	34.91	1461.19
106.0	-1.48	13.10	1414.26	673.1	0.31	34.91	1461.32
108.1	-1.49	13.10	1414.24	683.5	0.30	34.91	1461.46
110.2	-1.50	13.10	1414.21				
112.3	-1.48	13.10	1414.34				
114.5	-1.49	13.11	1414.34				
116.9	-1.48	13.13	1414.47				
119.2	-1.54	13.14	1414.21				
121.3	-1.57	13.15	1414.10				
123.4	-1.58	13.16	1414.10				
125.5	-1.57	13.17	1414.19				
127.6	-1.58	13.18	1414.19				
129.7	-1.59	13.19	1414.19				
131.8	-1.59	13.21	1414.23				
134.0	-1.58	13.23	1414.37				
136.1	-1.48	13.22	1414.86				
138.3	-1.49	13.23	1414.87				
140.4	-1.50	13.25	1414.90				
142.5	-1.51	13.26	1414.89				
144.7	-1.49	13.26	1415.01				
146.8	-1.50	13.27	1415.03				
149.1	-1.51	13.28	1415.02				
154.3	-1.51	13.44	1415.31				
159.5	-1.52	15.25	1417.80				
164.8	-1.52	19.23	1423.26				
170.0	-1.56	25.52	1431.71				
175.2	-1.57	28.26	1435.43				
180.6	-1.56	30.20	1438.20				
185.7	-1.60	31.49	1439.83				
190.9	-1.60	32.22	1440.92				
196.2	-1.62	32.60	1441.44				
201.4	-1.60	32.94	1442.05				
206.8	-1.62	33.24	1442.47				
212.0	-1.58	33.44	1443.02				

MIZPAC 85      CAST# 104 UP  
 DATE: 85/09/10      TIME: 23:51:17  
 LAT: 72 33.8 N      LON: 154 10.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
702.4	0.27	34.92	1461.70	114.8	-1.54	32.48	1440.38
691.9	0.28	34.92	1461.57	112.7	-1.52	32.46	1440.43
681.5	0.30	34.92	1461.48	110.5	-1.51	32.46	1440.44
671.0	0.30	34.92	1461.33	108.3	-1.50	32.44	1440.40
660.8	0.31	34.91	1461.21	106.2	-1.50	32.39	1440.31
650.7	0.32	34.91	1461.10	104.0	-1.48	32.41	1440.39
640.4	0.35	34.91	1461.03	101.8	-1.46	32.39	1440.41
630.3	0.36	34.91	1460.93	99.6	-1.45	32.39	1440.44
620.1	0.38	34.91	1460.82	97.4	-1.36	32.41	1440.87
609.9	0.39	34.91	1460.71	95.2	-1.35	32.37	1440.83
599.7	0.40	34.91	1460.59	93.1	-1.38	32.35	1440.60
589.5	0.41	34.91	1460.47	90.9	-1.48	32.35	1440.12
579.2	0.42	34.91	1460.35	88.7	-1.50	32.34	1439.96
569.0	0.44	34.90	1460.24	86.6	-1.44	32.33	1440.19
558.6	0.45	34.90	1460.13	84.4	-1.48	32.34	1439.98
548.2	0.47	34.90	1460.04	82.3	-1.32	32.29	1440.68
537.7	0.48	34.90	1459.93	80.1	-1.27	32.24	1440.79
527.5	0.49	34.90	1459.81	77.9	-1.30	32.23	1440.60
517.3	0.49	34.90	1459.65	75.8	-1.27	32.21	1440.66
506.9	0.49	34.90	1459.45	73.6	-1.39	32.19	1440.04
496.5	0.49	34.89	1459.26	71.4	-1.29	32.18	1440.46
486.4	0.48	34.89	1459.06	69.3	-1.40	32.15	1439.89
476.0	0.47	34.88	1458.82	67.1	-1.50	32.15	1439.35
465.9	0.45	34.88	1458.58	64.9	-1.49	32.14	1439.34
455.8	0.46	34.87	1458.44	62.7	-1.48	32.14	1439.39
445.7	0.45	34.87	1458.26	60.5	-1.44	32.20	1439.61
435.6	0.45	34.87	1458.06	58.4	-1.27	32.13	1440.28
425.4	0.44	34.86	1457.83	56.2	-0.81	32.03	1442.31
414.9	0.42	34.85	1457.57	54.0	-1.08	31.93	1440.87
404.7	0.40	34.84	1457.31	51.8	-1.30	32.01	1439.88
394.6	0.39	34.83	1457.07	49.6	-1.35	32.00	1439.57
384.3	0.36	34.83	1456.78	47.4	-1.33	31.98	1439.64
374.1	0.35	34.82	1456.53	45.2	-1.32	31.92	1439.58
363.9	0.32	34.81	1456.21	43.0	-1.13	31.99	1440.51
353.7	0.26	34.79	1455.77	40.8	-1.13	31.79	1440.23
343.4	0.21	34.77	1455.32	38.6	-1.04	31.88	1440.74
333.1	0.11	34.75	1454.70	36.4	-0.96	31.72	1440.84
322.8	0.03	34.72	1454.10	34.3	-1.28	31.55	1439.05
312.4	-0.08	34.69	1453.42	32.2	-1.30	31.40	1438.74
302.3	-0.19	34.66	1452.69	29.9	-0.69	31.38	1441.54
297.2	-0.22	34.64	1452.44	27.9	-0.66	31.19	1441.42
292.1	-0.27	34.61	1452.07	25.7	-0.35	31.26	1442.92
287.0	-0.39	34.57	1451.39	23.5	0.09	30.90	1444.46
281.9	-0.42	34.55	1451.14	21.3	-0.42	30.83	1441.94
276.6	-0.53	34.50	1450.48	19.1	-1.27	30.36	1437.24
271.5	-0.59	34.46	1450.06	16.9	-0.93	29.94	1438.28
266.4	-0.70	34.40	1449.39	14.6	-0.21	29.34	1440.84
261.3	-0.76	34.35	1448.94	12.4	-0.23	29.07	1440.33
256.1	-0.80	34.29	1448.60	10.2	-1.02	28.72	1436.09
251.0	-0.87	34.22	1448.08	8.9	-1.20	28.38	1434.79
245.7	-1.25	34.08	1446.04	7.7	-0.88	27.79	1435.49
240.6	-1.35	33.96	1445.31	6.4	-1.13	26.85	1433.02
235.4	-1.34	33.89	1445.21	5.3	-1.28	26.74	1432.14
230.1	-1.42	33.74	1444.52	4.2	-1.28	26.75	1432.12
225.0	-1.45	33.63	1444.17	3.0	-1.27	26.76	1432.12
219.9	-1.51	33.54	1443.64	1.7	-1.23	25.52	1430.65
214.7	-1.55	33.46	1443.25				
209.6	-1.59	33.40	1442.92				
204.5	-1.59	33.36	1442.77				
199.4	-1.58	33.29	1442.67				
194.3	-1.61	33.23	1442.35				
189.1	-1.60	33.19	1442.25				
184.0	-1.60	33.13	1442.11				
178.7	-1.56	33.06	1442.09				
173.6	-1.56	33.01	1441.94				
168.5	-1.54	32.93	1441.86				
163.4	-1.55	32.88	1441.67				
158.3	-1.53	32.83	1441.58				
153.2	-1.58	32.76	1441.20				
149.7	-1.59	32.75	1441.05				
147.6	-1.61	32.70	1440.88				
145.4	-1.63	32.72	1440.80				
143.2	-1.58	32.70	1440.97				
141.0	-1.58	32.65	1440.82				
138.8	-1.62	32.69	1440.65				
136.6	-1.59	32.65	1440.70				
134.4	-1.60	32.62	1440.60				
132.3	-1.56	32.61	1440.75				
130.1	-1.55	32.61	1440.75				
127.9	-1.55	32.58	1440.68				
125.7	-1.55	32.56	1440.60				
123.5	-1.56	32.54	1440.52				
121.3	-1.53	32.51	1440.56				
119.2	-1.54	32.50	1440.47				
117.0	-1.55	32.49	1440.37				

MIZPAC 85  
DATE: 85/09/12  
LAT: 72 11.6 N

CAST# 105 DOWN  
TIME: 02:32:49  
LON: 154 43.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-0.68	22.66	1429.36	216.9	-0.05	34.70	1451.92
1.3	-0.42	24.24	1432.73	222.0	0.01	34.72	1452.30
2.4	-0.31	24.25	1433.31	227.1	0.05	34.74	1452.63
3.7	-0.39	25.67	1434.84	232.2	0.10	34.74	1452.93
4.8	-0.03	25.75	1436.65	237.3	0.14	34.76	1453.22
6.1	0.67	26.51	1440.95	242.5	0.18	34.77	1453.51
7.2	0.93	26.65	1442.34	247.6	0.24	34.78	1453.86
8.4	0.91	26.75	1442.41	252.8	0.28	34.79	1454.14
9.6	2.18	28.72	1450.75	257.8	0.29	34.79	1454.30
11.8	3.56	29.33	1457.59	263.0	0.32	34.80	1454.55
13.9	4.91	30.23	1464.45	268.2	0.35	34.81	1454.76
15.9	5.43	30.50	1466.95	273.4	0.36	34.81	1454.89
18.0	5.67	30.67	1468.17	278.7	0.38	34.82	1455.06
20.1	5.37	30.78	1467.13	284.0	0.38	34.83	1455.18
22.2	4.50	30.98	1463.83	289.2	0.38	34.83	1455.27
24.3	4.07	31.15	1462.28	294.4	0.39	34.83	1455.38
26.5	3.56	31.30	1460.36	299.6	0.39	34.84	1455.48
28.6	3.29	31.41	1459.39	309.8	0.40	34.84	1455.70
30.7	2.03	31.60	1454.21	320.0	0.41	34.85	1455.90
32.8	2.68	31.96	1457.52	330.2	0.42	34.85	1456.13
35.0	3.07	31.89	1459.15	340.3	0.43	34.86	1456.35
37.2	2.96	31.91	1458.77	350.8	0.43	34.87	1456.56
39.3	2.48	32.20	1457.07	361.2	0.44	34.87	1456.75
41.4	2.23	31.73	1455.39	371.6	0.44	34.87	1456.94
43.5	1.96	32.03	1454.63	382.0	0.44	34.88	1457.12
45.6	1.82	32.01	1454.04	392.3	0.45	34.88	1457.33
47.8	1.83	32.07	1454.20	402.6	0.45	34.88	1457.48
49.9	1.41	31.59	1451.73	412.8	0.46	34.89	1457.69
52.1	-0.07	32.02	1445.60	422.9	0.46	34.89	1457.89
54.2	-0.18	32.15	1445.29	433.0	0.47	34.89	1458.10
56.4	0.04	32.13	1446.31	443.2	0.47	34.89	1458.25
58.5	-0.11	32.24	1445.80	453.6	0.46	34.90	1458.40
60.7	-0.40	32.21	1444.47	464.0	0.47	34.90	1458.59
62.9	-0.41	32.27	1444.54	474.5	0.44	34.90	1458.63
65.1	-0.58	32.34	1443.89	485.0	0.42	34.90	1458.73
67.3	0.10	32.37	1447.13	495.2	0.41	34.90	1458.87
69.5	-0.32	32.15	1444.90	505.6	0.41	34.90	1459.01
71.6	-0.68	32.34	1443.52	515.8	0.41	34.90	1459.19
73.7	-0.88	32.36	1442.65	526.0	0.40	34.90	1459.33
76.0	-0.87	32.38	1442.73	536.1	0.39	34.90	1459.43
78.3	-0.90	32.39	1442.67	546.2	0.38	34.91	1459.57
80.4	-1.12	32.39	1441.68	556.6	0.38	34.91	1459.71
82.7	-1.03	32.40	1442.14	567.1	0.36	34.91	1459.83
84.8	-1.29	32.41	1440.96	577.2	0.35	34.91	1459.96
86.9	-1.52	32.47	1439.98	587.4	0.34	34.91	1460.07
89.2	-1.56	32.50	1439.87	597.8	0.33	34.91	1460.19
91.3	-1.53	32.52	1440.05	607.9	0.31	34.91	1460.29
93.5	-1.49	32.54	1440.29	618.0	0.31	34.91	1460.41
95.7	-1.57	32.58	1440.00	628.1	0.29	34.91	1460.51
98.0	-1.56	32.63	1440.17	638.2	0.28	34.91	1460.62
100.1	-1.63	32.67	1439.89	648.4	0.27	34.92	1460.75
102.5	-1.62	32.71	1440.04	658.5	0.26	34.92	1460.87
104.7	-1.63	32.74	1440.07	668.6	0.25	34.92	1460.98
106.8	-1.64	32.74	1440.08	678.8	0.23	34.92	1461.09
109.0	-1.67	32.80	1440.04				
111.2	-1.67	32.82	1440.10				
113.4	-1.63	32.86	1440.41				
115.6	-1.59	32.87	1440.64				
118.0	-1.61	32.90	1440.61				
120.3	-1.60	32.96	1440.77				
122.4	-1.60	32.99	1440.85				
124.7	-1.60	33.06	1440.98				
127.0	-1.60	33.11	1441.09				
129.3	-1.61	33.18	1441.18				
131.6	-1.60	33.23	1441.33				
133.7	-1.59	33.29	1441.52				
136.0	-1.56	33.36	1441.77				
138.2	-1.54	33.44	1442.00				
140.5	-1.51	33.52	1442.27				
142.7	-1.55	33.58	1442.21				
144.9	-1.50	33.65	1442.58				
147.1	-1.47	33.71	1442.85				
149.4	-1.36	33.80	1443.55				
154.5	-1.27	34.00	1444.32				
159.7	-1.16	34.14	1445.08				
164.9	-0.95	34.27	1446.37				
170.1	-0.66	34.36	1447.90				
175.4	-0.66	34.42	1448.09				
180.5	-0.56	34.47	1448.69				
185.7	-0.47	34.52	1449.24				
191.0	-0.41	34.57	1449.70				
196.2	-0.34	34.60	1450.11				
201.4	-0.29	34.63	1450.49				
206.6	-0.22	34.65	1450.91				
211.7	-0.15	34.67	1451.37				

MIZPAC 85            CAST# 106 DOWN  
DATE: 85/09/12        TIME: 04:43:07  
LAT: 72 02.6 N        LON: 154 53.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	1.97	27.55	1448.13
1.1	2.20	28.83	1450.83
2.2	3.24	29.01	1455.62
3.3	3.46	29.19	1456.82
4.5	3.63	29.22	1457.64
5.7	3.60	29.50	1457.85
6.8	3.73	29.66	1458.67
8.0	3.94	30.10	1460.13
9.2	4.16	29.97	1460.89
11.5	3.77	30.33	1459.73
13.7	0.75	30.52	1446.75
15.9	0.30	30.74	1445.01
18.1	-0.08	31.02	1443.69
20.4	-0.18	31.19	1443.46
22.5	-0.24	31.39	1443.50
24.8	-0.62	31.45	1441.84
27.0	-0.86	31.60	1440.95
29.3	-0.08	31.82	1444.91
31.6	2.05	32.06	1454.88
33.8	2.24	31.87	1455.54
35.9	1.30	31.94	1451.47
38.2	1.61	32.03	1453.01
40.4	1.78	32.03	1453.80
42.6	1.53	32.15	1452.90



MIZPAC 85  
 DATE: 85/09/12  
 LAT: 71 53.1 N

CAST# 107 DOWN  
 TIME: 06:22:16  
 LON: 154 58.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.0	5.80	30.44	1468.13	221.8	0.29	34.80	1453.68
2.3	5.80	30.44	1468.16	226.9	0.29	34.80	1453.79
3.8	5.84	30.44	1468.32	232.1	0.31	34.81	1453.97
4.9	5.88	30.44	1468.50				
6.3	5.82	30.43	1468.27				
7.5	5.81	30.44	1468.28				
8.6	5.81	30.44	1468.29				
10.0	5.81	30.45	1468.31				
12.2	5.78	30.46	1468.27				
14.4	5.78	30.47	1468.30				
16.4	5.78	30.48	1468.36				
18.6	6.02	30.67	1469.60				
20.8	6.80	31.13	1473.29				
22.9	6.22	31.17	1471.07				
25.1	5.41	31.63	1468.45				
27.4	5.22	31.65	1467.72				
29.6	3.96	31.77	1462.68				
31.7	1.60	31.70	1452.43				
33.8	2.57	31.95	1457.03				
35.9	1.98	32.09	1454.69				
38.1	2.53	32.06	1457.08				
40.2	2.40	32.11	1456.62				
42.4	2.04	32.15	1455.13				
44.5	2.32	32.19	1456.44				
46.6	2.02	32.17	1455.15				
48.7	1.75	32.13	1453.92				
51.0	1.20	31.98	1451.29				
53.2	0.96	32.19	1450.55				
55.4	0.01	32.20	1446.25				
57.5	1.05	32.32	1451.20				
59.7	0.99	32.25	1450.88				
62.0	0.16	31.89	1446.64				
64.2	-0.97	32.27	1441.92				
66.3	-0.71	32.17	1443.03				
68.6	-1.05	32.37	1441.74				
70.7	-1.13	32.38	1441.43				
72.8	-1.30	32.40	1440.69				
75.0	-1.22	32.43	1441.16				
77.1	-1.30	32.44	1440.80				
79.2	-1.31	32.46	1440.82				
81.4	-1.49	32.51	1440.07				
83.6	-1.49	32.52	1440.10				
85.7	-1.53	32.56	1440.00				
87.9	-1.59	32.59	1439.81				
90.1	-1.60	32.60	1439.81				
92.3	-1.62	32.63	1439.80				
94.5	-1.60	32.65	1439.96				
96.7	-1.58	32.68	1440.10				
98.9	-1.60	32.71	1440.08				
101.1	-1.60	32.72	1440.14				
103.2	-1.64	32.74	1439.99				
105.3	-1.65	32.77	1440.03				
107.5	-1.66	32.78	1440.01				
109.7	-1.64	32.80	1440.19				
111.9	-1.64	32.81	1440.22				
114.2	-1.67	32.87	1440.21				
116.6	-1.62	32.92	1440.57				
119.0	-1.60	33.01	1440.84				
121.3	-1.61	33.09	1440.92				
123.6	-1.60	33.15	1441.05				
125.7	-1.58	33.22	1441.29				
127.8	-1.60	33.30	1441.34				
130.0	-1.60	33.35	1441.45				
132.1	-1.57	33.44	1441.78				
134.4	-1.57	33.53	1441.94				
136.5	-1.52	33.58	1442.25				
138.7	-1.49	33.64	1442.52				
140.8	-1.41	33.78	1443.09				
142.9	-1.38	33.81	1443.33				
145.0	-1.38	33.86	1443.45				
147.1	-1.36	33.88	1443.58				
149.2	-1.32	33.95	1443.92				
154.5	-1.07	34.18	1445.49				
159.7	-0.69	34.42	1447.68				
164.9	-0.55	34.50	1448.50				
170.0	-0.45	34.56	1449.14				
175.3	-0.31	34.62	1449.95				
180.6	-0.14	34.68	1450.91				
185.8	-0.04	34.71	1451.50				
190.9	0.06	34.73	1452.05				
196.1	0.18	34.76	1452.75				
201.2	0.23	34.78	1453.08				
206.4	0.26	34.78	1453.30				
211.5	0.28	34.79	1453.49				
216.7	0.29	34.80	1453.62				

MIZPAC 85  
DATE: 85/09/12  
LAT: 71 42.0 N

CAST# 108 DOWN  
TIME: 08:29:24  
LON: 155 39.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.7	5.39	30.81	1466.94
1.9	5.40	30.82	1466.99
3.0	5.40	30.81	1467.02
4.1	5.40	30.81	1467.01
5.4	5.40	30.82	1467.05
6.6	5.40	30.83	1467.09
7.8	5.42	30.81	1467.17
9.1	5.41	30.81	1467.17
10.3	5.43	30.83	1467.27
12.4	5.51	30.81	1467.62
14.6	5.54	30.85	1467.81
16.8	6.59	31.25	1472.56
19.0	6.09	31.36	1470.76
21.2	5.61	31.49	1469.03
23.4	5.12	31.32	1466.86
25.6	-0.10	31.63	1444.54
27.8	0.39	31.87	1447.12
30.0	0.84	32.14	1449.57
32.2	0.83	32.16	1449.59
34.4	0.63	32.23	1448.83
36.6	0.30	32.36	1447.51
38.9	0.46	32.34	1448.24
41.1	0.26	32.38	1447.43
43.3	0.05	32.38	1446.51
45.4	-0.21	32.41	1445.35
47.6	-0.26	32.41	1445.16
49.9	-0.39	32.40	1444.61
52.1	-0.45	32.44	1444.41
54.2	-0.47	32.44	1444.35
56.4	-0.49	32.44	1444.30
58.7	-0.51	32.44	1444.22
60.9	-0.63	32.44	1443.70
63.1	-0.96	32.46	1442.24
65.2	-1.01	32.50	1442.08
67.3	-1.06	32.51	1441.89
69.4	-1.11	32.53	1441.71
71.7	-1.33	32.54	1440.70
73.9	-1.54	32.61	1439.85
76.1	-1.57	32.63	1439.76
78.2	-1.59	32.65	1439.70
80.5	-1.62	32.66	1439.64
82.6	-1.63	32.67	1439.62
84.7	-1.65	32.68	1439.57
86.9	-1.66	32.69	1439.56
89.2	-1.68	32.70	1439.53
91.6	-1.69	32.71	1439.53
93.7	-1.70	32.71	1439.56
95.8	-1.69	32.71	1439.60
97.9	-1.70	32.72	1439.62
100.1	-1.70	32.72	1439.64
102.2	-1.70	32.72	1439.68
104.3	-1.70	32.73	1439.72
106.4	-1.70	32.73	1439.75
108.5	-1.70	32.73	1439.79

MIZPAC 85  
DATE: 85/09/12  
LAT: 71 38.9 N

CAST# 109 DOWN  
TIME: 09:48:03  
LON: 156 06.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	2.01	29.28	1450.58
1.5	2.01	29.28	1450.60
2.7	2.01	29.28	1450.60
3.9	2.04	29.29	1450.80
5.1	2.15	29.41	1451.46
6.4	2.63	29.83	1454.13
7.5	2.91	30.04	1455.61
8.5	3.23	30.43	1457.53
9.8	4.79	30.82	1464.63
12.0	5.02	30.93	1465.75
14.1	4.97	31.05	1465.75
16.3	4.66	31.19	1464.67
18.4	1.70	31.11	1451.91
20.6	-1.11	31.22	1439.17
22.7	-1.48	31.51	1437.83
24.8	-1.51	31.68	1437.94
27.1	-1.16	31.93	1439.98
29.4	-0.44	32.08	1443.60
31.7	0.38	32.17	1447.53
33.8	0.97	32.37	1450.53
36.1	0.90	32.38	1450.27
38.3	0.80	32.39	1449.87
40.6	0.74	32.40	1449.63
42.8	0.69	32.40	1449.44
45.1	0.66	32.41	1449.35
47.3	0.60	32.39	1449.11
49.5	0.55	32.42	1448.93
51.8	0.42	32.42	1448.39
53.9	0.38	32.42	1448.22
56.2	0.06	32.41	1446.79
58.3	-0.38	32.28	1444.63
60.4	-1.15	32.47	1441.28
62.5	-1.50	32.58	1439.81
64.8	-1.54	32.63	1439.75
66.9	-1.55	32.64	1439.73
69.2	-1.57	32.64	1439.65
71.5	-1.62	32.65	1439.51
73.8	-1.59	32.66	1439.68
76.0	-1.60	32.67	1439.66
78.3	-1.62	32.67	1439.64

MIZPAC 85  
DATE: 85/09/12  
LAT: 71 35.2 N

CAST# 110 DOWN  
TIME: 11:29:45  
LON: 156 32.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	4.16	30.65	1461.61
1.4	4.16	30.67	1461.68
2.7	4.17	30.65	1461.71
3.8	4.33	30.65	1462.42
4.9	4.36	30.61	1462.52
6.2	4.15	30.64	1461.69
7.5	4.17	30.73	1461.91
8.8	4.29	30.74	1462.45
9.9	4.39	30.82	1462.97
12.1	4.40	30.82	1463.06
14.3	4.40	30.82	1463.07
16.6	4.28	30.78	1462.57
18.9	3.49	30.90	1459.43
21.0	0.58	30.89	1446.62
23.1	-0.88	30.99	1439.99
25.4	-1.43	31.30	1437.81
27.7	-1.48	31.51	1437.92
29.8	-1.49	31.57	1437.98
32.0	-1.52	31.69	1438.02
34.4	-1.55	31.86	1438.16
36.6	-1.58	32.21	1438.54
39.0	-0.75	32.49	1442.85
41.2	-0.91	32.47	1442.12
43.4	-0.69	32.47	1443.19
45.7	-0.72	32.48	1443.11
47.9	-0.76	32.48	1442.96
50.3	-0.85	32.51	1442.60
52.4	-0.90	32.51	1442.40
54.5	-1.03	32.51	1441.81
56.7	-1.10	32.50	1441.49
58.8	-1.16	32.56	1441.32
61.0	-1.17	32.56	1441.32
63.2	-1.19	32.56	1441.29
65.5	-1.16	32.59	1441.48
67.7	-1.28	32.59	1440.96
70.1	-1.53	32.65	1439.91
72.3	-1.57	32.68	1439.78
74.6	-1.61	32.69	1439.63
76.9	-1.69	32.71	1439.32
79.2	-1.70	32.73	1439.35
81.4	-1.70	32.75	1439.38
83.7	-1.71	32.76	1439.40
85.9	-1.71	32.77	1439.44
88.1	-1.71	32.77	1439.48
90.2	-1.71	32.77	1439.51
92.6	-1.71	32.77	1439.55
94.9	-1.71	32.77	1439.59
97.1	-1.71	32.78	1439.65
99.2	-1.70	32.78	1439.72
101.4	-1.70	32.78	1439.75
103.5	-1.70	32.79	1439.79
105.8	-1.70	32.80	1439.85

MIZPAC 85  
DATE: 85/09/12  
LAT: 71 25.7 N

CAST# 111 DOWN  
TIME: 13:49:54  
LON: 157 31.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	1.48	29.34	1448.29
1.2	1.96	29.68	1450.90
2.6	2.04	29.68	1451.26
3.8	1.96	29.47	1450.64
4.9	1.41	29.27	1447.94
6.1	1.34	29.28	1447.69
7.2	2.02	30.08	1451.79
8.4	2.72	29.92	1454.64
9.6	2.46	30.13	1453.84
11.8	0.89	30.26	1447.04
14.1	0.29	30.36	1444.46
16.3	-1.12	30.73	1438.39
18.4	-1.27	30.94	1437.97
20.7	-1.36	31.13	1437.84
22.8	-1.44	31.33	1437.78
24.9	-1.46	31.49	1437.92
27.0	-1.47	31.55	1437.97
29.2	-1.50	31.64	1438.03
31.5	-1.54	31.84	1438.12
33.7	-1.58	31.96	1438.15
35.9	-1.61	32.07	1438.18
38.1	-1.63	32.14	1438.20
40.4	-1.66	32.24	1438.25
42.6	-1.67	32.35	1438.37
44.9	-1.68	32.49	1438.57
47.1	-1.69	32.60	1438.70
49.4	-1.71	32.71	1438.79
51.7	-1.71	32.72	1438.83
53.9	-1.71	32.72	1438.87
56.0	-1.71	32.72	1438.91
58.2	-1.71	32.76	1438.96
60.5	-1.71	32.76	1439.01
62.7	-1.71	32.76	1439.05
65.0	-1.71	32.76	1439.09
67.3	-1.71	32.76	1439.13
69.5	-1.71	32.76	1439.16
71.8	-1.71	32.76	1439.20
74.1	-1.71	32.76	1439.24
76.3	-1.71	32.76	1439.27
78.7	-1.71	32.76	1439.31
80.9	-1.71	32.76	1439.35
83.2	-1.71	32.76	1439.39
85.4	-1.71	32.76	1439.42
87.6	-1.71	32.76	1439.46
89.9	-1.71	32.76	1439.50
92.1	-1.71	32.76	1439.53
94.4	-1.71	32.76	1439.57
96.8	-1.71	32.76	1439.61

MIZPAC 85 CAST# 112 DOWN  
 DATE: 85/09/12 TIME: 15:03:59  
 LAT: 71 21.2 N LON: 157 57.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	0.74	28.83	1444.28
1.6	0.74	28.83	1444.28
2.7	0.74	28.83	1444.32
3.8	0.79	28.83	1444.53
5.1	0.74	28.83	1444.32
6.2	0.74	28.84	1444.39
7.5	0.74	28.83	1444.39
8.6	0.84	29.25	1445.41
9.7	0.52	30.12	1445.11
11.9	2.87	30.32	1455.90
14.1	2.98	30.63	1456.80
16.4	3.74	30.89	1460.46
18.6	0.14	30.74	1444.34
20.8	-0.92	30.84	1439.57
23.0	-1.39	31.33	1438.04
25.1	-1.44	31.54	1438.08
27.2	-1.48	31.67	1438.12
29.3	-1.49	31.69	1438.12
31.5	-1.51	31.75	1438.16
33.6	-1.53	31.83	1438.20
35.8	-1.56	31.93	1438.25
37.9	-1.57	32.01	1438.31
40.0	-1.61	32.16	1438.35
42.2	-1.64	32.31	1438.47
44.3	-1.61	32.57	1439.01
46.4	-1.46	32.53	1439.69
48.7	-1.48	32.54	1439.62
51.0	-1.50	32.55	1439.60
53.3	-1.51	32.55	1439.60
55.5	-1.51	32.55	1439.63
57.7	-1.51	32.56	1439.66
59.9	-1.51	32.56	1439.69
62.2	-1.51	32.56	1439.73
64.3	-1.52	32.56	1439.73
66.6	-1.53	32.56	1439.74
68.9	-1.54	32.57	1439.70
71.0	-1.57	32.58	1439.63
73.2	-1.61	32.60	1439.50
75.3	-1.63	32.62	1439.45

MIZPAC 85 CAST# 113 DOWN  
 DATE: 85/09/12 TIME: 16:23:06  
 LAT: 71 16.3 N LON: 158 26.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.0	0.80	29.78	1445.79
2.4	0.80	29.77	1445.79
3.9	0.80	29.82	1445.92
5.1	0.81	29.77	1445.93
6.3	0.86	29.74	1446.10
7.4	0.80	29.78	1445.90
8.6	0.80	29.80	1445.94
9.7	0.80	29.82	1446.01
11.9	0.87	30.07	1446.67
14.2	0.76	30.42	1446.69
16.3	1.09	30.96	1448.92
18.4	-0.07	30.93	1443.60
20.7	-0.59	31.30	1441.71
22.9	-0.78	31.32	1440.89
25.2	-1.01	31.38	1439.93
27.4	-1.51	31.50	1437.73
29.5	-1.54	31.64	1437.83
31.8	-1.56	31.70	1437.86
33.9	-1.57	31.74	1437.91
36.1	-1.57	31.85	1438.09
38.3	-1.58	31.96	1438.21
40.6	-1.60	32.13	1438.38
42.9	-1.61	32.23	1438.51
45.2	-1.59	32.50	1439.02
47.5	-1.58	32.55	1439.16
49.6	-1.54	32.55	1439.39
51.8	-1.54	32.55	1439.42
54.1	-1.54	32.56	1439.47
56.2	-1.54	32.55	1439.50
58.3	-1.54	32.56	1439.52
60.5	-1.54	32.56	1439.57
62.7	-1.54	32.56	1439.62
64.8	-1.54	32.56	1439.64
67.0	-1.54	32.56	1439.68
69.2	-1.54	32.56	1439.71
71.4	-1.54	32.56	1439.74
73.6	-1.55	32.56	1439.76
75.9	-1.55	32.57	1439.78
78.1	-1.55	32.57	1439.80
80.3	-1.55	32.57	1439.84
82.6	-1.57	32.58	1439.81
84.8	-1.58	32.58	1439.81
87.0	-1.58	32.58	1439.85
89.2	-1.58	32.58	1439.87

MIZPAC 85  
DATE: 85/09/12  
LAT: 71 06.5 N

CAST# 114 DOWN  
TIME: 18:52:23  
LON: 159 17.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.1	6.31	31.04	1470.95
0.0	6.32	31.04	1470.96
1.2	6.32	31.04	1470.98
2.4	6.33	31.04	1471.02
3.8	6.33	31.04	1471.05
4.9	6.36	31.04	1471.19
6.0	6.37	31.06	1471.27
7.3	6.35	31.02	1471.17
8.4	6.32	31.04	1471.10
9.6	6.32	31.04	1471.10
11.8	6.30	31.05	1471.05
14.0	6.26	31.05	1470.97
16.2	6.30	31.05	1471.16
18.4	6.17	31.09	1470.70
20.5	6.15	31.09	1470.67
22.6	6.14	31.10	1470.65
24.8	6.12	31.10	1470.62
27.1	4.17	30.68	1462.15
29.3	1.71	31.41	1452.48
31.5	0.24	30.43	1444.57
33.8	-0.92	31.28	1440.35
36.1	-1.44	31.76	1438.53
38.4	-1.31	31.91	1439.41
40.5	-0.98	32.06	1441.20
42.8	-0.77	32.44	1442.77
44.9	-0.50	32.45	1444.05
47.1	-0.50	32.44	1444.07
49.2	-0.48	32.44	1444.20
51.4	-0.48	32.44	1444.23
53.5	-0.48	32.44	1444.26
55.6	-0.49	32.44	1444.28
57.8	-0.49	32.44	1444.31
59.9	-0.49	32.44	1444.34
62.0	-0.49	32.44	1444.37
64.2	-0.48	32.44	1444.45
66.3	-0.48	32.44	1444.49
68.4	-0.48	32.44	1444.51

MIZPAC 85  
DATE: 85/09/12  
LAT: 71 01.3 N

CAST# 115 DOWN  
TIME: 20:26:24  
LON: 159 47.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	6.39	31.04	1471.22
1.7	6.39	31.04	1471.26
3.0	6.40	31.04	1471.33
4.1	6.40	31.04	1471.33
5.3	6.40	31.04	1471.36
6.5	6.40	31.07	1471.43
7.6	6.40	31.04	1471.40
8.9	6.40	31.04	1471.43
10.0	6.41	31.04	1471.46
12.2	6.41	31.04	1471.50
14.6	6.40	31.05	1471.54
16.8	6.00	31.39	1470.40
19.1	5.10	31.68	1467.14
21.2	5.07	31.69	1467.08
23.3	5.06	31.69	1467.06
25.5	5.05	31.70	1467.06
27.7	5.03	31.70	1467.04
29.9	5.03	31.69	1467.06
32.3	5.00	31.70	1466.99
34.5	4.98	31.70	1466.94
36.7	4.93	31.72	1466.81
38.8	4.86	31.75	1466.58
40.9	4.84	31.76	1466.52
43.2	4.82	31.77	1466.50
45.3	4.80	31.78	1466.45
47.5	4.75	31.79	1466.31
49.6	4.71	31.81	1466.21
51.8	4.67	31.82	1466.11
54.1	4.63	31.83	1465.95
56.3	4.52	31.86	1465.60

MIZPAC 85  
DATE: 85/09/12  
LAT: 70 51.0 N

CAST# 116 DOWN  
TIME: 22:32:13  
LON: 160 35.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	7.07	30.83	1473.64
1.4	7.06	30.83	1473.65
2.8	7.07	30.83	1473.69
3.9	7.07	30.83	1473.71
5.1	7.07	30.83	1473.73
6.2	7.07	30.83	1473.75
7.5	7.07	30.83	1473.77
8.6	7.07	30.83	1473.79
9.8	7.07	30.83	1473.81
12.0	7.07	30.83	1473.84
14.3	7.07	30.83	1473.88
16.4	7.07	30.83	1473.91
18.6	7.06	30.83	1473.93
20.7	6.94	30.92	1473.57
23.0	6.12	31.44	1471.04
25.3	5.90	31.56	1470.36
27.5	5.87	31.57	1470.26
29.6	5.87	31.57	1470.29
31.7	5.86	31.57	1470.31
34.0	5.86	31.57	1470.35
36.1	5.86	31.57	1470.38
38.4	5.86	31.57	1470.42

MIZPAC 85  
DATE: 85/09/13  
LAT: 70 49.0 N

CAST# 117 DOWN  
TIME: 02:04:49  
LON: 160 14.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.4	6.98	30.76	1473.24
0.2	6.98	30.76	1473.21
1.3	6.98	30.76	1473.24
0.2	6.98	30.76	1473.22
1.3	7.00	30.75	1473.29
2.5	6.98	30.76	1473.27
3.7	6.99	30.76	1473.32
4.8	7.03	30.77	1473.50
6.0	6.99	30.75	1473.35
7.1	6.98	30.76	1473.34
8.2	6.98	30.76	1473.36
9.3	6.98	30.76	1473.37
11.4	6.98	30.76	1473.41
13.5	6.99	30.76	1473.45
15.7	6.99	30.76	1473.49
17.9	6.99	30.76	1473.52
20.1	6.98	30.76	1473.55
22.2	6.98	30.76	1473.59
24.3	6.73	30.68	1472.52
26.4	5.59	30.90	1468.27
28.5	5.40	30.93	1467.56
30.7	5.36	30.94	1467.46
32.8	5.34	30.95	1467.41
35.1	5.33	30.95	1467.44
37.3	5.33	30.96	1467.47
39.5	5.33	30.95	1467.49



MIZPAC 85  
DATE: 85/09/13  
LAT: 70 54.6 N

CAST# 118 DOWN  
TIME: 03:08:35  
LON: 160 20.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	6.93	30.87	1473.16
1.6	6.94	30.86	1473.21
2.7	6.95	30.86	1473.25
4.0	6.94	30.86	1473.25
5.0	6.95	30.86	1473.28
6.4	6.95	30.85	1473.31
7.6	6.99	30.86	1473.49
8.9	6.95	30.85	1473.36
10.0	6.95	30.86	1473.36
12.2	6.94	30.86	1473.39
14.3	6.95	30.86	1473.43
16.5	6.90	30.90	1473.35
18.7	6.80	30.98	1473.08
20.9	6.34	31.33	1471.73
23.2	5.94	31.66	1470.60
25.4	5.93	31.66	1470.61
27.6	5.92	31.66	1470.58
29.8	5.92	31.67	1470.61
32.1	5.91	31.66	1470.61
34.2	5.90	31.67	1470.63
36.4	5.90	31.67	1470.64
38.5	5.90	31.67	1470.69
40.7	5.90	31.67	1470.72

MIZPAC 85  
DATE: 85/09/13  
LAT: 70 57.7 N

CAST# 119 DOWN  
TIME: 03:46:41  
LON: 160 23.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	6.71	30.96	1472.42
1.5	6.68	31.00	1472.38
2.5	6.69	31.00	1472.42
3.6	6.69	30.99	1472.43
4.8	6.69	31.00	1472.49
6.0	6.71	30.98	1472.53
7.1	6.68	31.00	1472.49
8.4	6.68	31.00	1472.50
9.6	6.68	31.00	1472.53
11.7	6.69	31.00	1472.58
13.8	6.69	31.00	1472.62
15.9	6.69	31.01	1472.67
18.2	6.69	31.06	1472.78
20.3	6.29	31.35	1471.57
22.5	5.38	31.74	1468.45
24.6	5.19	31.81	1467.79
26.7	5.06	31.84	1467.35
28.9	5.06	31.85	1467.37
31.4	5.06	31.85	1467.42
33.6	5.06	31.85	1467.44
35.8	5.06	31.85	1467.47
38.1	5.06	31.84	1467.51
40.2	5.06	31.85	1467.55
42.6	5.06	31.85	1467.60
44.8	5.06	31.84	1467.65
47.2	5.02	31.86	1467.52

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 00.5 N

CAST# 120 DOWN  
TIME: 04:21:21  
LON: 160 26.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.3	6.40	31.26	1471.58
0.2	6.40	31.26	1471.54
1.6	6.40	31.26	1471.58
3.3	6.40	31.26	1471.62
4.4	6.40	31.26	1471.63
5.8	6.40	31.26	1471.67
6.9	6.40	31.26	1471.67
8.0	6.41	31.26	1471.71
9.2	6.40	31.26	1471.73
11.4	6.41	31.26	1471.76
13.6	6.40	31.26	1471.79
16.1	6.40	31.26	1471.84
18.2	6.40	31.26	1471.86
20.4	6.39	31.27	1471.88
22.6	6.21	31.23	1471.14
24.7	3.50	32.10	1461.11
26.9	3.43	32.16	1460.92
29.2	3.42	32.16	1460.93
31.4	3.42	32.16	1460.96
33.6	3.42	32.16	1461.00
35.9	3.42	32.16	1461.04
38.0	3.42	32.17	1461.06

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 04.1 N

CAST# 121 DOWN  
TIME: 04:54:49  
LON: 160 28.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.6	5.75	31.33	1469.04
1.7	5.74	31.33	1469.06
0.6	5.74	31.33	1469.01
1.9	5.73	31.34	1468.99
0.4	5.73	31.34	1468.98
1.7	5.73	31.34	1468.99
2.9	5.72	31.34	1468.98
4.1	5.72	31.34	1469.01
5.4	5.73	31.34	1469.07
6.6	5.73	31.34	1469.07
7.8	5.73	31.34	1469.09
9.0	5.73	31.34	1469.10
10.3	5.73	31.34	1469.13
12.4	5.72	31.34	1469.15
14.5	5.70	31.34	1469.10
16.8	5.53	31.36	1468.48
19.2	5.26	31.33	1467.36
21.3	4.37	31.51	1463.95
23.4	4.04	31.75	1462.94
25.6	2.57	32.35	1457.45
27.8	2.53	32.37	1457.33
30.1	2.51	32.37	1457.28
32.2	2.48	32.39	1457.23
34.4	2.47	32.40	1457.24
36.5	2.47	32.40	1457.26
38.6	2.47	32.40	1457.28

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 06.1 N

CAST# 122 DOWN  
TIME: 05:26:58  
LON: 160 33.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.8	5.38	31.37	1467.61
2.0	5.39	31.37	1467.66
3.3	5.38	31.37	1467.67
4.3	5.38	31.37	1467.69
5.7	5.37	31.37	1467.67
6.9	5.36	31.38	1467.65
8.0	5.33	31.38	1467.54
9.2	5.29	31.40	1467.40
11.4	5.25	31.41	1467.33
13.7	5.27	31.46	1467.49
15.9	5.28	31.51	1467.64
18.0	4.43	31.81	1464.56
20.3	4.97	32.03	1467.08
22.4	4.75	31.99	1466.17
24.6	3.88	32.09	1462.72
26.7	3.19	32.16	1459.89
28.8	2.35	32.35	1456.54
30.9	2.20	32.42	1456.02
33.0	2.17	32.44	1455.97
35.3	2.17	32.44	1456.00
37.4	2.17	32.45	1456.03
39.7	2.17	32.45	1456.06
42.0	2.17	32.45	1456.10
44.3	2.17	32.45	1456.14
46.5	2.17	32.45	1456.16
48.6	2.17	32.45	1456.20

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 08.9 N

CAST# 123 DOWN  
TIME: 05:58:50  
LON: 160 37.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.7	4.90	31.35	1465.61
1.7	4.93	31.36	1465.78
2.8	4.93	31.36	1465.80
4.0	4.91	31.36	1465.73
5.0	4.97	31.38	1466.00
6.3	4.99	31.42	1466.16
7.5	5.07	31.43	1466.50
8.6	5.13	31.48	1466.83
9.8	5.20	31.51	1467.18
12.1	5.16	31.53	1467.12
14.2	5.13	31.55	1467.01
16.4	4.99	31.60	1466.55
18.5	5.23	31.71	1467.72
20.6	4.28	31.61	1463.69
23.0	4.72	31.87	1465.90
25.1	4.63	31.89	1465.59
27.4	2.55	32.34	1457.37
29.5	2.25	32.41	1456.18
31.7	2.24	32.41	1456.20
34.1	2.24	32.41	1456.22

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 11.6 N

CAST# 124 DOWN  
TIME: 06:30:17  
LON: 160 40.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	0.89	29.16	1445.40
1.2	1.42	30.48	1449.54
2.5	3.50	31.20	1459.62
3.8	3.93	31.57	1461.93
4.9	4.20	31.47	1462.93
6.0	4.58	31.53	1464.65
7.2	4.60	31.52	1464.71
8.2	4.62	31.50	1464.78
9.4	4.60	31.51	1464.74
11.8	4.96	31.59	1466.37
14.1	5.01	31.65	1466.68
16.4	4.68	31.55	1465.22
18.5	2.17	31.32	1454.27
20.8	-0.29	32.19	1444.31
23.1	0.59	32.40	1448.67
25.4	0.68	32.41	1449.15
27.5	0.66	32.43	1449.12
29.7	0.69	32.43	1449.30
31.9	0.69	32.43	1449.35
34.0	0.70	32.43	1449.40
36.2	0.68	32.43	1449.35
38.4	0.68	32.44	1449.39

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 16.7 N

CAST# 125 DOWN  
TIME: 07:13:02  
LON: 160 42.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.7	-0.65	28.02	1436.75
1.8	-0.64	28.03	1436.79
0.6	-0.64	28.03	1436.78
1.7	-0.64	28.03	1436.81
2.9	-0.64	28.04	1436.83
4.2	-0.63	28.06	1436.93
5.3	-0.49	28.34	1437.98
6.5	-0.36	28.88	1439.33
7.7	0.25	30.85	1444.80
8.9	2.98	31.81	1458.24
10.0	3.49	31.56	1460.13
12.1	3.68	31.48	1460.89
14.5	1.38	31.95	1451.49
16.7	0.50	32.22	1447.93
19.0	-0.73	32.29	1442.38
21.1	-1.08	32.41	1440.94
23.2	-1.33	32.57	1440.01
25.3	-1.31	32.57	1440.13
27.5	-1.29	32.58	1440.25
29.6	-1.30	32.58	1440.23
31.7	-1.32	32.58	1440.20
33.9	-1.33	32.58	1440.19
36.1	-1.35	32.59	1440.12
38.4	-1.40	32.60	1439.94
40.7	-1.42	32.60	1439.87

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 36.9 N

CAST# 126 DOWN  
TIME: 14:47:27  
LON: 159 07.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	-0.20	27.25	1437.77
1.2	-0.24	27.24	1437.62
2.3	-0.24	27.24	1437.63
3.5	-0.20	27.26	1437.86
4.6	-0.16	27.25	1438.05
5.9	0.06	27.30	1439.15
7.0	0.06	27.31	1439.21
8.3	-0.74	29.01	1437.72
9.4	-1.24	29.88	1436.57
11.8	-1.37	30.38	1436.65
13.9	-1.38	30.63	1436.94
16.1	-1.26	30.93	1437.98
18.2	-1.48	31.15	1437.26
20.3	-1.51	31.30	1437.36
22.5	-1.51	31.46	1437.59
24.8	-1.47	31.74	1438.22
27.0	-1.51	32.00	1438.42
29.3	-1.55	32.18	1438.50
31.4	-1.55	32.25	1438.60
33.7	-1.58	32.31	1438.57
35.9	-1.62	32.35	1438.52
38.0	-1.64	32.42	1438.52
40.3	-1.64	32.46	1438.62

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 31.5 N

CAST# 127 DOWN  
TIME: 15:54:55  
LON: 159 02.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	0.66	27.35	1441.93
1.4	0.66	27.35	1441.95
2.6	0.66	27.35	1441.96
3.9	0.66	27.35	1441.98
5.2	0.82	27.36	1442.78
6.5	0.57	28.05	1442.56
7.6	0.37	28.61	1442.35
8.7	0.36	28.59	1442.31
9.9	0.36	28.51	1442.25
12.1	0.25	28.68	1441.98
14.3	0.08	29.99	1442.99
16.3	-0.53	30.22	1440.50
18.5	-1.21	30.56	1437.75
20.6	-1.22	30.97	1438.31
22.7	-1.38	31.22	1437.88
24.8	-1.37	31.35	1438.14
27.0	-1.50	31.58	1437.90
29.2	-1.48	31.89	1438.46
31.5	-1.57	32.05	1438.26
33.7	-1.49	32.13	1438.76
35.8	-1.53	32.23	1438.77
38.1	-1.50	32.29	1439.02
40.2	-1.55	32.35	1438.89

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 28.1 N

CAST# 128 DOWN  
TIME: 16:46:43  
LON: 158 59.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	0.65	27.40	1441.94
1.5	0.65	27.40	1441.98
2.7	0.65	27.40	1441.99
3.8	0.68	27.42	1442.19
5.0	0.68	27.41	1442.16
6.1	0.67	27.41	1442.13
7.3	0.71	27.48	1442.47
8.4	1.18	28.26	1445.65
9.6	1.11	29.70	1447.26
11.8	0.12	30.20	1443.42
14.0	-1.17	30.56	1437.88
16.1	-1.31	30.95	1437.76
18.2	-1.33	31.18	1438.01
20.4	-1.37	31.34	1438.06
22.7	-1.41	31.49	1438.11
25.0	-1.45	31.57	1438.10
27.3	-1.47	31.68	1438.19
29.4	-1.45	31.85	1438.54
31.6	-1.48	31.95	1438.54
33.6	-1.40	32.08	1439.14
35.7	-1.54	32.19	1438.67
37.8	-1.59	32.28	1438.59
40.0	-1.61	32.33	1438.59

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 25.1 N

CAST# 129 DOWN  
TIME: 17:23:07  
LON: 158 56.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	1.17	27.79	1444.82
1.4	1.17	27.79	1444.86
2.5	1.17	27.79	1444.88
3.7	1.17	27.80	1444.94
4.9	1.17	27.80	1444.95
6.2	1.20	27.81	1445.09
7.4	1.21	27.84	1445.22
8.5	1.26	27.93	1445.56
9.6	1.31	28.19	1446.18
11.7	2.09	29.73	1451.69
13.8	0.03	29.97	1442.73
15.9	-1.04	30.78	1438.84
18.0	-1.06	30.90	1438.94
20.1	-1.26	31.02	1438.19
22.3	-1.31	31.21	1438.23
24.6	-1.33	31.34	1438.34
26.7	-1.44	31.44	1437.98
29.0	-1.45	31.54	1438.11
31.1	-1.50	31.64	1438.04
33.1	-1.57	31.72	1437.85
35.4	-1.55	31.77	1438.03
37.5	-1.54	31.82	1438.17
39.7	-1.47	31.94	1438.72
41.8	-1.44	32.01	1439.02

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 22.3 N

CAST# 130 DOWN  
TIME: 18:03:19  
LON: 158 52.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	1.16	28.20	1445.36
1.3	1.16	28.20	1445.37
2.6	1.16	28.20	1445.40
3.7	1.16	28.20	1445.41
5.0	1.16	28.20	1445.43
6.2	1.17	28.20	1445.46
7.4	1.17	28.19	1445.49
8.5	1.16	28.19	1445.49
9.7	1.17	28.19	1445.51
11.8	1.26	28.29	1446.09
14.1	1.73	29.40	1449.71
16.3	-0.63	30.29	1440.09
18.4	-0.86	30.77	1439.72
20.7	-0.97	30.92	1439.41
22.8	-1.27	31.12	1438.31
25.0	-1.30	31.24	1438.33
27.2	-1.27	31.34	1438.66
29.4	-1.27	31.43	1438.84
31.6	-1.24	31.47	1439.08
33.8	-1.20	31.55	1439.39
35.9	-1.17	31.59	1439.60
38.0	-1.36	31.78	1438.99
40.3	-1.41	32.00	1439.09
42.6	-1.49	32.12	1438.91

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 19.5 N

CAST# 131 DOWN  
TIME: 18:37:55  
LON: 158 50.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.6	0.70	28.21	1443.27
1.8	0.67	28.84	1443.97
3.0	0.64	28.70	1443.66
4.2	1.15	28.69	1445.99
5.5	1.65	29.63	1449.50
6.7	1.89	29.68	1450.68
7.9	1.90	29.74	1450.84
9.0	1.91	29.84	1451.02
10.2	1.89	29.94	1451.08
12.4	0.15	29.82	1443.07
14.5	-0.52	30.61	1441.03
16.7	-1.18	30.85	1438.27
18.9	-1.30	31.12	1438.12
21.0	-1.16	31.42	1439.20
23.2	-1.13	31.53	1439.52
25.4	-1.38	31.67	1438.57
27.5	-1.38	31.80	1438.78
29.6	-1.42	31.85	1438.69
31.7	-1.52	31.91	1438.33
33.8	-1.58	32.06	1438.27
36.1	-1.53	32.19	1438.71
38.2	-1.58	32.44	1438.83
40.3	-1.63	32.56	1438.80
42.4	-1.65	32.60	1438.80
44.7	-1.66	32.63	1438.83

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 16.5 N

CAST# 132 DOWN  
TIME: 19:22:19  
LON: 158 45.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	-0.40	27.94	1437.77
1.3	-0.40	27.93	1437.78
2.4	-0.40	27.93	1437.80
3.5	-0.40	27.93	1437.81
4.5	-0.40	27.93	1437.84
5.7	-0.40	27.94	1437.87
6.8	-0.39	28.03	1438.05
7.9	-0.39	28.32	1438.47
9.2	-0.22	28.83	1439.96
11.3	0.23	29.51	1443.02
13.4	0.50	29.78	1444.62
15.7	-0.69	30.38	1439.93
17.9	0.31	30.56	1444.87
20.1	2.15	31.18	1453.98
22.2	4.16	31.51	1463.09
24.3	4.67	31.38	1465.08
26.5	0.63	30.89	1446.90
28.6	-1.40	31.11	1437.76
30.8	-1.48	31.33	1437.71
33.1	-1.46	31.43	1438.00
35.5	-1.49	31.64	1438.15
37.7	-1.52	31.80	1438.24
39.8	-1.60	32.11	1438.32
42.1	-1.62	32.21	1438.42
44.2	-1.65	32.38	1438.55
46.4	-1.65	32.43	1438.64
48.7	-1.65	32.45	1438.68
50.8	-1.66	32.46	1438.70
53.0	-1.66	32.46	1438.72
55.3	-1.67	32.47	1438.75
57.4	-1.67	32.48	1438.77
59.5	-1.67	32.49	1438.81
61.6	-1.68	32.51	1438.85
63.8	-1.68	32.52	1438.89
65.9	-1.68	32.54	1438.94
68.2	-1.68	32.55	1438.98
70.5	-1.69	32.59	1439.04
72.8	-1.70	32.64	1439.12
74.9	-1.70	32.68	1439.20
77.2	-1.70	32.76	1439.32
79.4	-1.70	32.77	1439.36
81.6	-1.70	32.77	1439.40
83.7	-1.70	32.77	1439.44
85.9	-1.70	32.77	1439.47

MIZPAC 85  
DATE: 85/09/13  
LAT: 71 13.7 N

CAST# 133 DOWN  
TIME: 20:17:11  
LON: 158 43.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	5.89	31.17	1469.43
1.6	5.96	31.17	1469.69
2.8	5.95	31.17	1469.69
3.9	5.96	31.17	1469.72
4.9	5.96	31.17	1469.74
6.1	5.95	31.17	1469.75
7.2	6.18	31.11	1470.61
8.4	5.97	31.17	1469.83
9.6	5.97	31.17	1469.87
11.8	5.97	31.17	1469.90
14.0	5.95	31.17	1469.86
16.1	5.94	31.17	1469.84
18.4	5.93	31.17	1469.86
20.5	5.91	31.17	1469.81
22.8	5.90	31.18	1469.83
24.9	5.91	31.18	1469.89
27.0	5.93	31.21	1470.05
29.2	5.45	31.49	1468.51
31.3	5.13	31.69	1467.48
33.5	4.76	31.84	1466.20
35.7	4.70	31.85	1465.98
37.9	4.57	31.87	1465.52
40.1	4.49	31.88	1465.22
42.2	4.24	31.92	1464.26
44.3	4.18	31.93	1464.06
46.5	4.15	31.94	1463.99
48.7	4.15	31.94	1464.04
50.8	4.14	31.94	1464.00
53.0	4.11	31.95	1463.95
55.1	4.10	31.95	1463.94
57.3	4.05	31.95	1463.76
59.5	3.83	31.96	1462.89
61.6	3.05	32.08	1459.74
63.9	1.92	32.24	1455.08
65.9	1.84	32.33	1454.86
68.1	1.79	32.34	1454.70
70.2	1.72	32.35	1454.42
72.5	1.70	32.35	1454.39
74.6	1.70	32.35	1454.41
76.7	1.68	32.35	1454.37

MIZPAC 85  
 DATE: 85/09/13  
 LAT: 71 08.8 N

CAST# 134 DOWN  
 TIME: 21:30:54  
 LON: 158 38.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.7	5.72	30.73	1468.17
1.9	5.72	30.73	1468.17
3.2	5.73	30.74	1468.25
4.4	5.74	30.74	1468.29
5.7	5.81	30.80	1468.71
6.9	5.73	30.73	1468.32
7.9	5.73	30.73	1468.33
9.2	5.74	30.74	1468.38
10.3	5.74	30.74	1468.41
12.7	5.73	30.73	1468.41
15.0	5.72	30.73	1468.41
17.4	5.75	30.75	1468.57
19.6	5.74	30.74	1468.58
21.7	5.81	30.79	1468.95
23.9	5.81	30.79	1468.99
26.2	5.82	30.79	1469.04
28.3	5.82	30.82	1469.14
30.5	5.83	30.85	1469.25
32.6	5.83	30.86	1469.29
34.8	5.78	30.88	1469.17
37.1	5.73	30.91	1469.02
39.3	5.68	30.94	1468.88
41.5	5.65	30.95	1468.83
43.6	5.63	30.96	1468.78
45.9	5.60	30.97	1468.73

MIZPAC 85  
 DATE: 85/09/14  
 LAT: 71 26.0 N

CAST# 135 DOWN  
 TIME: 01:35:02  
 LON: 156 49.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	3.57	29.95	1458.23
1.7	3.58	29.96	1458.29
2.8	3.60	29.99	1458.42
4.1	3.59	29.99	1458.43
5.4	3.59	29.98	1458.40
6.7	3.59	29.99	1458.46
7.8	3.62	30.09	1458.72
9.0	3.79	30.37	1459.85
10.1	5.03	31.15	1466.05
12.2	5.59	31.16	1468.36
14.4	5.60	31.17	1468.46
16.7	5.59	31.16	1468.45
18.8	5.54	31.16	1468.27
20.9	5.44	31.16	1467.90
23.1	5.42	31.15	1467.84
25.3	5.33	31.17	1467.54
27.5	5.59	31.23	1468.69
29.6	5.61	31.28	1468.88
31.7	5.59	31.30	1468.86
33.8	5.52	31.34	1468.65
36.0	5.17	31.41	1467.36
38.2	5.16	31.42	1467.36
40.5	5.19	31.49	1467.62
42.8	5.18	31.52	1467.64
45.1	5.08	31.58	1467.35
47.2	5.03	31.61	1467.21
49.3	4.94	31.64	1466.93
51.4	4.83	31.71	1466.59
53.5	4.79	31.75	1466.50
55.6	4.48	31.75	1465.24
57.7	3.74	31.64	1462.03
59.8	3.22	31.67	1459.92
61.9	3.10	31.78	1459.58
64.2	3.62	31.94	1462.02
66.4	3.55	31.95	1461.80
68.6	3.54	31.95	1461.78
70.9	3.50	31.94	1461.64
73.0	3.42	31.97	1461.38
75.2	3.25	32.01	1460.75
77.4	3.21	32.04	1460.62
79.6	3.18	32.04	1460.57
81.8	3.11	32.06	1460.31
83.9	3.08	32.06	1460.20
86.1	3.02	32.08	1459.99
88.3	2.66	32.06	1458.46
90.4	2.41	32.10	1457.48
92.5	2.40	32.11	1457.45
94.8	2.39	32.11	1457.44
97.0	2.41	32.11	1457.57



MIZPAC 85  
DATE: 85/09/14  
LAT: 71 31.6 N

CAST# 136 DOWN  
TIME: 02:38:10  
LON: 156 55.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	1.36	27.83	1445.78
1.5	1.36	27.82	1445.79
2.8	1.37	27.85	1445.86
4.0	1.37	27.84	1445.89
5.2	1.37	27.84	1445.91
6.3	1.38	27.88	1446.00
7.3	1.38	27.95	1446.14
8.4	1.33	28.66	1446.84
9.6	1.42	29.01	1447.76
11.7	1.55	29.36	1448.84
13.9	1.66	29.70	1449.78
16.0	2.32	30.25	1453.44
18.0	2.87	30.58	1456.31
20.2	2.85	30.80	1456.58
22.4	3.57	31.05	1460.03
24.6	0.46	30.83	1446.02
26.8	-0.79	31.26	1440.84
28.9	-1.34	31.35	1438.37
31.0	-1.46	31.52	1438.07
33.3	-1.49	31.68	1438.17
35.4	-1.53	31.78	1438.14
37.6	-1.55	31.84	1438.17
39.9	-1.58	31.94	1438.22
42.0	-1.61	32.09	1438.30
44.2	-1.63	32.18	1438.38
46.4	-1.65	32.34	1438.53
48.7	-1.66	32.58	1438.81
50.9	-1.65	32.62	1438.94
53.1	-1.64	32.63	1439.05
55.4	-1.64	32.63	1439.10
57.6	-1.64	32.64	1439.13
59.7	-1.66	32.65	1439.12
61.9	-1.65	32.66	1439.19
64.1	-1.64	32.67	1439.29
66.4	-1.66	32.69	1439.24
68.5	-1.67	32.69	1439.26
70.8	-1.67	32.69	1439.27
73.0	-1.68	32.70	1439.29
75.1	-1.68	32.70	1439.32
77.2	-1.68	32.70	1439.35
79.3	-1.68	32.70	1439.38
81.4	-1.68	32.70	1439.42
83.6	-1.68	32.70	1439.44
85.8	-1.68	32.70	1439.49
88.1	-1.69	32.70	1439.49
90.2	-1.69	32.72	1439.53
92.4	-1.69	32.72	1439.56
94.6	-1.70	32.73	1439.57
96.8	-1.71	32.74	1439.59
99.0	-1.71	32.75	1439.63
101.2	-1.71	32.75	1439.67
103.4	-1.71	32.75	1439.71
105.7	-1.71	32.75	1439.75
107.8	-1.71	32.75	1439.78
110.0	-1.71	32.75	1439.82
112.1	-1.71	32.75	1439.85
114.3	-1.71	32.75	1439.89
116.6	-1.71	32.75	1439.93
118.8	-1.71	32.75	1439.96
121.0	-1.71	32.75	1439.99
123.2	-1.71	32.75	1440.03
125.4	-1.71	32.75	1440.07

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 34.3 N

CAST# 137 DOWN  
TIME: 03:39:19  
LON: 156 57.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	1.42	27.87	1446.08
2.1	1.64	28.06	1447.35
3.2	1.85	29.24	1449.85
4.4	1.84	28.72	1449.11
5.6	1.58	27.95	1447.01
6.9	1.92	28.51	1449.27
8.1	2.16	28.13	1449.86
9.2	4.22	30.52	1461.85
11.4	3.78	30.33	1459.79
13.7	3.95	30.73	1461.05
15.9	0.93	30.54	1447.64
18.1	-0.35	31.00	1442.37
20.3	-0.77	30.75	1440.11
22.5	-1.25	31.17	1438.44
24.6	-1.23	31.36	1438.83
26.9	-1.44	31.60	1438.20
29.2	-1.43	31.71	1438.41
31.5	-1.49	31.83	1438.36
33.6	-1.52	31.91	1438.32
35.7	-1.54	32.00	1438.40
37.8	-1.57	32.11	1438.44
39.9	-1.58	32.28	1438.66
42.0	-1.45	32.34	1439.37
44.1	-1.58	32.43	1438.91
46.3	-1.34	32.49	1440.21
48.4	-1.27	32.45	1440.50
50.6	-1.55	32.55	1439.34
52.7	-1.52	32.54	1439.49
54.9	-1.65	32.62	1439.01
57.1	-1.64	32.65	1439.15
59.2	-1.65	32.67	1439.13
61.4	-1.66	32.70	1439.19
63.5	-1.66	32.70	1439.23
65.7	-1.67	32.70	1439.20
67.9	-1.70	32.73	1439.15
70.0	-1.71	32.75	1439.17
72.2	-1.71	32.75	1439.20
74.3	-1.71	32.75	1439.24
76.5	-1.71	32.75	1439.27
78.7	-1.71	32.75	1439.31
80.9	-1.71	32.75	1439.34
83.0	-1.71	32.75	1439.37
85.1	-1.71	32.76	1439.41
87.3	-1.71	32.76	1439.44
89.6	-1.71	32.75	1439.48
91.8	-1.71	32.76	1439.52
93.9	-1.71	32.76	1439.56
96.2	-1.71	32.76	1439.59
98.3	-1.71	32.76	1439.63

MIZPAC 85  
 DATE: 85/09/14  
 LAT: 71 37.1 N

CAST# 138 DOWN  
 TIME: 04:26:04  
 LON: 157 01.7

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	2.15	29.28	1451.22
1.2	2.12	29.28	1451.10
2.4	2.13	29.33	1451.19
3.6	2.12	29.35	1451.20
4.9	2.11	29.35	1451.21
6.1	2.09	29.35	1451.14
7.2	2.04	29.38	1450.96
8.3	2.02	29.40	1450.92
9.5	2.05	29.53	1451.25
11.6	4.97	31.12	1465.77
13.7	3.74	30.82	1460.28
15.9	-0.57	30.67	1440.88
18.0	-0.85	31.69	1440.99
20.3	-1.14	31.36	1439.19
22.4	-1.29	31.50	1438.72
24.5	-1.42	31.63	1438.32
26.8	-1.47	31.80	1438.36
29.0	-1.45	31.88	1438.58
31.1	-1.27	32.03	1439.67
33.4	-1.04	32.21	1441.05
35.5	-1.23	32.27	1440.25
37.6	-1.41	32.34	1439.54
39.8	-1.25	32.55	1440.61
42.1	-1.01	32.52	1441.74
44.3	-1.15	32.51	1441.12
46.4	-1.27	32.54	1440.60
48.5	-1.33	32.56	1440.35
50.6	-1.35	32.57	1440.35
52.7	-1.62	32.57	1439.09
54.8	-1.54	32.61	1439.56
57.0	-1.64	32.63	1439.11
59.2	-1.67	32.69	1439.10
61.6	-1.69	32.73	1439.12
63.8	-1.70	32.75	1439.13
66.1	-1.70	32.76	1439.16
68.2	-1.70	32.76	1439.19

MIZPAC 85  
 DATE: 85/09/14  
 LAT: 71 39.9 N

CAST# 139 DOWN  
 TIME: 05:04:21  
 LON: 157 04.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.4	2.14	28.85	1450.62
1.7	2.15	28.85	1450.64
2.8	2.15	28.85	1450.66
3.9	2.31	29.19	1451.85
5.1	2.46	29.37	1452.75
6.2	2.49	29.44	1452.98
7.4	2.51	29.58	1453.28
8.5	2.49	29.69	1453.37
9.7	2.53	29.86	1453.79
11.9	2.68	30.03	1454.69
14.2	2.21	30.97	1453.88
16.2	1.31	31.21	1450.23
18.4	-0.64	31.23	1441.37
20.6	-0.89	31.51	1440.58
22.7	-0.98	31.57	1440.25
24.8	-1.10	31.66	1439.89
27.0	-1.16	31.74	1439.72
29.2	-1.22	31.80	1439.57
31.3	-1.17	31.94	1440.03
33.4	-0.72	31.95	1442.18
35.5	-0.64	32.07	1442.76
37.6	-1.29	32.09	1439.73
39.9	-1.41	32.19	1439.36
42.0	-1.40	32.24	1439.48
44.2	-1.44	32.27	1439.38

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 41.6 N

CAST# 140 DOWN  
TIME: 05:48:30  
LON: 157 09.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	3.17	29.36	1455.75
1.5	3.04	29.51	1455.41
2.8	3.04	29.51	1455.43
4.0	3.04	29.51	1455.45
5.1	3.03	29.53	1455.47
6.2	3.03	29.57	1455.50
7.3	3.02	29.63	1455.56
8.4	2.97	29.67	1455.44
9.5	3.09	30.40	1456.92
11.7	3.91	30.63	1460.73
13.8	3.29	30.73	1458.25
16.0	2.59	30.72	1455.27
18.1	-0.79	31.15	1440.55
20.2	-0.15	31.36	1443.85
22.5	-0.76	31.64	1441.42
24.7	-1.14	31.67	1439.69
27.1	-1.27	31.78	1439.25
29.4	-1.33	31.92	1439.23
31.5	-1.25	31.99	1439.70
33.6	-1.42	32.00	1438.94
35.7	-1.42	32.08	1439.09
37.8	-0.62	32.24	1443.12
39.9	-1.04	32.26	1441.22
42.1	-1.01	32.21	1441.33
44.2	-1.43	32.31	1439.49
46.5	-1.51	32.47	1439.36
48.8	-1.58	32.51	1439.14

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 45.4 N

CAST# 141 DOWN  
TIME: 06:20:07  
LON: 157 10.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.7	1.15	27.45	1444.31
1.9	1.13	27.44	1444.26
3.1	1.21	27.56	1444.77
4.2	1.86	28.42	1448.86
5.4	2.33	28.50	1451.05
6.6	2.49	28.63	1451.94
7.7	2.73	28.88	1453.33
8.7	3.12	29.49	1455.84
9.9	3.80	29.78	1459.14
12.2	3.91	29.92	1459.86
14.4	2.65	29.95	1454.48
16.7	1.23	30.21	1448.56
18.9	0.15	30.65	1444.25
21.1	0.18	31.06	1445.00
23.3	-0.46	31.12	1442.12
25.4	-0.90	31.35	1440.43
27.5	-0.96	31.46	1440.29
29.6	-1.08	31.61	1439.96
31.8	-1.12	31.74	1440.00
33.9	-0.40	32.09	1443.88
36.1	0.58	31.97	1448.26
38.3	-1.24	31.86	1439.70
40.5	-1.44	32.07	1439.04
42.6	-1.49	32.21	1439.03
44.7	-1.51	32.25	1439.02
46.8	-1.54	32.31	1439.02

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 48.2 N

CAST# 142 DOWN  
TIME: 06:58:52  
LON: 157 14.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	0.82	26.84	1442.01
1.4	0.83	26.84	1442.05
2.5	0.83	26.84	1442.07
3.7	1.48	27.72	1446.21
4.8	2.11	28.32	1449.84
6.0	2.41	28.47	1451.39
7.2	2.76	28.73	1453.27
8.5	3.29	29.30	1456.34
9.6	3.37	29.37	1456.77
11.8	3.35	29.47	1456.87
14.1	0.41	29.48	1443.85
16.3	0.52	29.72	1444.70
18.4	0.26	30.32	1444.33
20.5	0.15	30.71	1444.36
22.8	1.63	30.98	1451.48
25.0	0.92	30.89	1448.18
27.1	0.03	31.49	1444.95
29.2	0.13	31.59	1445.58
31.3	-1.12	31.66	1439.89
33.5	-1.17	31.76	1439.80
35.7	-1.26	31.84	1439.52
37.8	-1.38	31.99	1439.19
39.9	-1.38	32.04	1439.28
42.0	-1.37	32.11	1439.49
44.2	-1.19	32.19	1440.48

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 55.0 N

CAST# 143 DOWN  
TIME: 07:56:20  
LON: 157 21.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	1.04	26.44	1442.46
1.6	1.03	26.45	1442.47
2.8	1.03	26.45	1442.49
4.1	1.04	26.45	1442.56
5.4	1.04	26.45	1442.57
6.6	1.04	26.45	1442.60
8.0	1.53	27.09	1445.66
9.1	2.08	27.44	1448.64
10.2	2.23	27.59	1449.48
12.6	1.34	28.41	1446.65
14.9	0.01	29.14	1441.54
17.2	0.12	29.58	1442.65
19.3	-0.42	29.68	1440.35
21.5	-0.35	30.19	1441.36
23.8	-0.58	30.26	1440.42
26.1	-0.62	30.56	1440.68
28.2	-1.06	30.69	1438.82
30.5	-1.03	30.95	1439.31
32.7	-1.04	31.15	1439.57
34.9	-1.23	31.34	1438.99
37.1	-0.79	31.65	1441.51
39.2	-1.16	31.58	1439.69
41.5	-1.26	31.88	1439.67
43.7	-1.25	31.89	1439.79
45.8	-1.29	31.92	1439.66
48.0	-1.43	32.00	1439.12
50.1	-1.46	32.08	1439.11

MIZPAC 85  
DATE: 85/09/14  
LAT: 72 05.0 N

CAST# 144 DOWN  
TIME: 15:36:02  
LON: 155 32.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	-1.18	25.46	1430.74
1.4	-0.78	26.09	1433.50
2.5	-0.66	26.08	1434.10
3.8	-0.39	26.26	1435.63
5.0	0.19	27.55	1440.11
6.2	1.05	27.26	1443.72
7.3	1.45	27.23	1445.49
8.4	1.62	27.92	1447.17
9.7	1.50	28.20	1447.00
11.9	-0.18	29.29	1440.79
14.0	4.14	30.29	1461.33
16.2	4.99	30.54	1465.18
18.4	4.70	30.31	1463.75
20.5	4.31	30.95	1462.97
22.6	-0.43	30.34	1441.21
24.8	-1.17	31.00	1438.65
27.0	-1.26	31.20	1438.50
29.1	-1.24	31.42	1438.94
31.3	2.01	31.99	1454.62
33.4	2.32	31.77	1455.73
35.5	1.37	32.16	1452.06
37.7	1.27	31.95	1451.36
39.8	1.35	32.17	1452.06
41.9	1.06	32.12	1450.72
44.1	0.12	32.08	1446.44
46.2	-0.18	32.23	1445.28
48.4	-0.71	32.04	1442.57
50.6	-1.43	32.17	1439.40
52.8	-1.43	32.21	1439.46
55.1	-1.41	32.27	1439.71
57.3	-1.38	32.22	1439.80
59.5	-1.35	32.28	1440.09
61.6	-1.50	32.32	1439.42
63.7	-1.49	32.36	1439.57
65.9	-1.51	32.37	1439.54
68.0	-1.61	32.38	1439.10
70.3	-1.54	32.43	1439.56
72.6	-1.57	32.46	1439.47
75.0	-1.55	32.49	1439.67
77.3	-1.57	32.54	1439.66
79.6	-1.50	32.57	1440.07
81.9	-1.51	32.60	1440.08
84.2	-1.65	32.60	1439.47
86.4	-1.63	32.66	1439.69
88.8	-1.63	32.67	1439.71
91.0	-1.64	32.70	1439.74
93.2	-1.62	32.75	1439.94
95.5	-1.67	32.76	1439.79
97.8	-1.67	32.77	1439.83
100.0	-1.61	32.81	1440.21
102.4	-1.60	32.85	1440.34
104.6	-1.56	32.85	1440.56
106.9	-1.58	32.87	1440.50
109.2	-1.55	32.90	1440.74
111.4	-1.54	32.94	1440.87
113.8	-1.58	33.00	1440.81
116.0	-1.74	33.02	1440.12
118.2	-1.58	33.06	1440.97
120.4	-1.59	33.08	1440.99
122.6	-1.59	33.10	1441.05
124.9	-1.60	33.12	1441.08
127.2	-1.60	33.16	1441.14
129.4	-1.59	33.22	1441.30
131.5	-1.48	33.32	1442.04
133.8	-1.05	33.61	1444.47
136.1	-1.00	33.65	1444.80
138.4	-1.37	33.72	1443.21
140.5	-1.32	33.85	1443.64
142.6	-1.50	33.90	1442.89
144.8	-1.34	33.95	1443.76
146.9	-1.27	34.01	1444.21
149.2	-1.22	34.08	1444.56
154.4	-1.00	34.21	1445.84
159.7	-0.89	34.27	1446.52
164.8	-0.74	34.36	1447.44
170.0	-0.61	34.45	1448.24
175.3	-0.55	34.48	1448.65
180.5	-0.50	34.53	1449.06
185.7	-0.41	34.57	1449.62
190.9	-0.38	34.58	1449.85
196.0	-0.31	34.61	1450.29

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 59.7 N

CAST# 145 DOWN  
TIME: 17:03:30  
LON: 155 25.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	1.69	28.39	1447.96
1.3	2.07	28.73	1450.11
2.3	2.56	29.50	1453.31
3.4	2.57	29.49	1453.36
4.6	2.57	29.59	1453.49
5.7	2.63	30.08	1454.45
6.9	3.15	30.50	1457.25
8.1	3.46	30.47	1458.57
9.3	2.39	30.82	1454.40
11.4	2.60	30.97	1455.53
13.6	2.04	30.85	1452.95
15.7	2.49	31.20	1455.45
17.8	1.02	31.56	1449.42
19.9	1.84	31.72	1453.33
22.0	2.22	31.81	1455.17
24.2	2.26	31.85	1455.41
26.3	1.74	31.74	1452.99
28.5	1.76	31.79	1453.22
30.6	1.12	32.17	1450.87
32.6	1.64	32.28	1453.38
34.9	1.50	32.28	1452.78
37.1	1.36	32.31	1452.23
39.2	1.21	32.33	1451.62
41.4	0.92	32.33	1450.36
43.7	0.77	32.38	1449.80
45.8	0.76	32.37	1449.77
48.0	0.56	32.39	1448.92
50.1	0.45	32.40	1448.47
52.4	0.25	32.44	1447.66
54.5	0.21	32.45	1447.49
56.7	-0.02	32.44	1446.48
58.8	-0.10	32.43	1446.13
61.0	-0.18	32.45	1445.79
63.2	-0.45	32.44	1444.56
65.4	-0.55	32.48	1444.18
67.6	-0.79	32.52	1443.18
69.8	-1.11	32.57	1441.78
72.0	-1.26	32.55	1441.04
74.2	-1.30	32.54	1440.90
76.4	-1.42	32.58	1440.38
78.6	-1.51	32.60	1440.05
80.8	-1.48	32.62	1440.26
83.0	-1.51	32.65	1440.20
85.1	-1.56	32.67	1440.02
87.2	-1.57	32.68	1439.99
89.5	-1.50	32.68	1440.35
91.7	-1.45	32.71	1440.71
93.9	-1.37	32.72	1441.13
96.1	-1.44	32.78	1440.91
98.2	-1.39	32.82	1441.22
100.4	-1.29	32.94	1441.89
102.7	-1.53	33.15	1441.08
104.9	-1.53	33.26	1441.24
107.0	-1.54	33.30	1441.31
109.1	-1.52	33.41	1441.58
111.4	-1.48	33.49	1441.89
113.5	-1.45	33.53	1442.14
115.7	-1.39	33.66	1442.64
117.9	-1.38	33.77	1442.90
120.1	-1.36	33.86	1443.11
122.3	-1.18	33.96	1444.14
124.6	-0.95	34.06	1445.41
126.8	-0.76	34.19	1446.49
128.9	-0.72	34.25	1446.81
131.0	-0.63	34.29	1447.29
133.2	-0.55	34.35	1447.79
135.3	-0.45	34.41	1448.39
137.5	-0.40	34.44	1448.68
139.7	-0.39	34.47	1448.82
141.8	-0.33	34.50	1449.17
144.0	-0.31	34.52	1449.31
146.1	-0.24	34.56	1449.71

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 56.8 N

CAST# 146 DOWN  
TIME: 18:01:57  
LON: 155 21.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.2	2.79	30.12	1455.10
1.4	2.86	30.13	1455.42
2.5	2.87	30.13	1455.51
3.7	2.88	30.15	1455.57
4.8	2.73	30.18	1454.97
5.9	2.62	30.25	1454.60
7.0	2.59	30.30	1454.55
8.1	2.60	30.31	1454.63
9.3	2.59	30.38	1454.71
11.5	2.67	30.48	1455.20
13.7	3.53	31.13	1459.79
15.7	4.49	31.23	1463.99
17.9	3.52	30.94	1459.56
20.1	1.17	31.11	1449.53
22.3	-0.79	31.46	1441.01
24.5	-1.14	31.51	1439.48
26.7	-1.28	31.57	1438.93
29.0	-1.35	31.64	1438.72
31.2	-1.23	31.76	1439.49
33.5	-1.28	31.79	1439.32
35.7	-1.47	31.90	1438.59
38.0	-1.50	31.98	1438.60
40.3	-1.28	32.16	1439.94
42.5	-1.03	32.21	1441.22
44.8	-0.93	32.26	1441.80
47.0	-0.97	32.36	1441.77
49.3	-1.15	32.41	1441.02
51.5	-1.06	32.48	1441.58
53.6	-0.81	32.54	1442.89
55.9	-0.50	32.58	1444.43
58.0	-0.56	32.58	1444.19
60.2	-0.77	32.71	1443.37
62.7	-0.68	32.71	1443.89
64.9	-0.82	32.75	1443.32
67.1	-0.95	32.76	1442.72
69.3	-1.05	32.85	1442.41
71.5	-1.14	32.87	1442.04
73.8	-1.22	32.89	1441.74
76.0	-1.37	32.91	1441.08
78.2	-1.45	32.98	1440.86
80.4	-1.46	33.01	1440.87
82.7	-1.40	33.04	1441.22
84.9	-1.35	33.08	1441.57
87.2	-1.27	33.21	1442.17
89.4	-1.40	33.36	1441.76
91.6	-1.42	33.57	1442.01
93.8	-1.45	33.74	1442.15
95.9	-1.38	33.86	1442.64
98.1	-1.27	34.00	1443.40
100.3	-1.20	34.07	1443.87
102.5	-1.13	33.49	1443.45
104.8	-1.04	33.84	1444.36
107.0	-0.98	34.21	1445.17
109.3	-0.88	33.82	1445.17
111.5	-0.67	34.46	1447.04
113.7	-0.63	34.38	1447.15
115.9	-0.54	34.56	1447.85
118.2	-0.37	34.70	1448.89
120.4	-0.30	34.72	1449.27
122.5	-0.23	34.74	1449.64
124.8	-0.16	34.77	1450.05
127.0	-0.10	34.79	1450.37
129.2	-0.02	34.81	1450.79
131.4	0.03	34.81	1451.08
133.6	0.06	34.81	1451.24
135.8	0.07	34.80	1451.30
138.0	0.07	34.78	1451.34
140.2	0.08	34.44	1450.93
142.3	0.08	34.77	1451.43
144.5	0.09	34.74	1451.45
146.7	0.10	34.78	1451.57

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 54.0 N

CAST# 147 DOWN  
TIME: 18:55:16  
LON: 155 17.7 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	2.61	29.89	1454.00
1.2	2.64	29.91	1454.17
2.3	2.65	29.92	1454.24
3.5	2.65	29.95	1454.33
4.7	2.83	30.15	1455.38
5.8	3.09	30.34	1456.77
7.0	3.05	30.39	1456.67
8.1	3.06	30.39	1456.73
9.4	3.06	30.42	1456.79
11.5	3.34	30.50	1458.14
13.7	3.52	30.59	1459.05
15.8	3.29	30.63	1458.16
18.1	2.79	30.93	1456.45
20.3	0.12	31.05	1444.67
22.4	-1.25	31.32	1438.62
24.5	-1.39	31.53	1438.30
26.7	-1.39	31.54	1438.36
28.9	-1.33	31.69	1438.86
31.0	-1.13	31.83	1440.05
33.3	-0.49	31.88	1443.14
35.4	-1.29	31.92	1439.50
37.6	-0.85	32.07	1441.79
39.7	-0.61	32.21	1443.16
41.8	-0.39	32.26	1444.29
44.0	-0.18	32.34	1445.40
46.1	-0.16	32.28	1445.44
48.3	-0.54	32.40	1443.88
50.4	-0.39	32.43	1444.63
52.5	-0.37	32.37	1444.69
54.8	-0.64	32.46	1443.60
56.9	-0.73	32.49	1443.22
59.1	-0.74	32.46	1443.18
61.3	-0.97	32.56	1442.28
63.5	-1.12	32.64	1441.71
65.6	-1.18	32.67	1441.50
67.9	-1.22	32.72	1441.42
70.0	-1.31	32.77	1441.08
72.1	-1.33	32.82	1441.10
74.3	-1.34	32.84	1441.11
76.5	-1.39	32.90	1441.02
78.8	-1.41	32.93	1440.97
81.0	-1.48	32.95	1440.70
83.2	-1.55	33.01	1440.47
85.5	-1.55	33.07	1440.59
87.8	-1.50	33.16	1440.97
89.9	-1.44	33.41	1441.65
92.1	-1.40	33.55	1442.06
94.2	-1.27	33.75	1442.98
96.5	-1.27	33.89	1443.20
98.8	-1.29	34.01	1443.33
100.9	-1.01	34.23	1444.99
103.1	-0.44	34.50	1448.00
105.4	-0.24	34.61	1449.15
107.7	-0.19	34.62	1449.40
110.0	-0.18	34.62	1449.51
112.3	-0.16	34.65	1449.69
114.5	-0.12	34.66	1449.92
116.6	-0.04	34.68	1450.32
118.8	-0.02	34.69	1450.46
120.9	-0.01	34.69	1450.54
123.1	0.00	34.69	1450.63
125.3	0.01	34.70	1450.71
127.5	0.01	34.70	1450.77
129.6	0.02	34.70	1450.84
131.7	0.05	34.73	1451.06
133.9	0.11	34.74	1451.37



MIZPAC 85  
DATE: 85/09/14  
LAT: 71 50.2 N

CAST# 148 DOWN  
TIME: 20:16:19  
LON: 155 13.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	2.72	29.97	1454.60
1.7	3.56	31.08	1459.66
2.9	2.52	29.65	1453.34
4.0	2.36	30.00	1453.10
5.2	3.54	29.93	1458.13
6.5	3.14	29.93	1456.48
7.6	4.43	30.58	1462.78
8.7	4.50	30.64	1463.17
9.9	4.73	30.67	1464.20
12.0	5.15	30.80	1466.12
14.3	2.03	30.58	1452.60
16.3	2.40	30.94	1454.70
18.6	0.43	30.88	1445.82
20.8	-0.01	31.03	1444.05
23.1	-1.16	31.33	1439.12
25.4	-1.13	31.64	1439.71
27.6	-0.44	31.91	1443.34
29.7	0.71	31.91	1448.69
31.8	0.41	32.14	1447.62
33.9	0.58	32.08	1448.38
36.2	0.40	32.21	1447.78
38.5	0.44	32.22	1448.00
40.8	0.90	32.25	1450.15
43.0	1.05	32.32	1450.96
45.1	1.00	32.33	1450.78
47.3	0.90	32.33	1450.39
49.4	0.66	32.33	1449.33
51.6	0.41	32.28	1448.17
53.7	-0.11	32.38	1445.93
56.0	-0.32	32.41	1445.02
58.2	-0.46	32.41	1444.43
60.3	-1.03	32.44	1441.82
62.6	-1.38	32.47	1440.21
64.7	-1.59	32.52	1439.34
67.0	-1.61	32.58	1439.32
69.2	-1.62	32.60	1439.35
71.3	-1.63	32.62	1439.39
73.5	-1.63	32.65	1439.43
75.6	-1.65	32.71	1439.49
77.9	-1.67	32.76	1439.47
80.2	-1.66	32.83	1439.65
82.6	-1.66	32.84	1439.74
84.9	-1.61	32.94	1440.11
87.1	-1.56	33.07	1440.56
89.3	-1.53	33.12	1440.84
91.6	-1.49	33.22	1441.20
93.8	-1.46	33.24	1441.38
96.1	-1.46	33.26	1441.49
98.4	-1.42	33.45	1441.94
100.5	-1.37	33.61	1442.44
102.6	-1.29	33.75	1443.05
104.8	-1.25	33.81	1443.35
107.0	-1.01	33.94	1444.69
109.3	-0.76	34.06	1446.03
111.5	-0.54	34.33	1447.49
113.6	-0.51	34.42	1447.79
115.8	-0.44	34.52	1448.27
118.0	-0.34	34.54	1448.80
120.2	-0.28	34.57	1449.14
122.3	-0.16	34.66	1449.85
124.5	-0.09	34.65	1450.20
126.6	-0.06	34.67	1450.39
128.8	-0.03	34.68	1450.55
130.9	-0.03	34.68	1450.59
133.0	-0.03	34.68	1450.62
135.2	-0.03	34.68	1450.66

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 48.5 N

CAST# 149 DOWN  
TIME: 21:09:14  
LON: 155 11.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.3	2.36	29.32	1452.16
1.6	2.37	29.33	1452.23
2.8	2.32	29.46	1452.21
3.9	2.31	29.44	1452.17
5.0	2.42	29.24	1452.40
6.3	2.37	29.32	1452.32
7.4	2.20	29.78	1452.17
8.6	2.08	29.90	1451.83
9.8	2.20	30.25	1452.85
12.0	2.18	30.27	1452.80
14.2	2.37	30.68	1454.22
16.3	-0.54	30.69	1441.07
18.5	1.85	31.52	1453.09
20.6	2.33	31.44	1455.16
22.7	-0.17	31.09	1443.43
25.0	-1.00	31.52	1440.15
27.1	-1.21	31.60	1439.30
29.4	-1.48	31.73	1438.23
31.7	-1.51	31.83	1438.23
33.8	-0.69	32.83	1443.49
35.9	0.81	32.41	1449.89
38.0	0.73	32.29	1449.40
40.3	0.54	32.33	1448.64
42.4	0.26	32.38	1447.47
44.6	0.10	32.38	1446.77
46.7	-0.19	32.40	1445.49
48.9	-0.47	32.47	1444.29
51.1	-0.72	32.50	1443.23
53.4	-0.94	32.53	1442.24
55.5	-0.98	32.55	1442.12
57.8	-1.16	32.58	1441.34
60.1	-1.19	32.60	1441.27
62.2	-1.35	32.61	1440.55
64.4	-1.40	32.61	1440.37
66.7	-1.48	32.63	1440.03
69.0	-1.53	32.65	1439.87
71.1	-1.56	32.67	1439.80
73.4	-1.60	32.69	1439.66
75.6	-1.63	32.70	1439.55
77.7	-1.65	32.72	1439.54
79.8	-1.67	32.73	1439.46
81.9	-1.68	32.74	1439.45
84.1	-1.70	32.75	1439.45
86.3	-1.70	32.75	1439.46
88.7	-1.71	32.76	1439.49
90.9	-1.70	32.76	1439.55
93.2	-1.67	32.80	1439.77
95.4	-1.61	32.85	1440.17
97.6	-1.48	32.96	1440.98
99.8	-1.36	33.04	1441.70
101.9	-1.32	33.07	1441.97
104.0	-1.34	33.15	1442.03
106.1	-1.27	33.37	1442.66
108.2	-1.23	33.48	1443.04
110.5	-1.14	33.63	1443.70
112.7	-0.68	34.27	1446.74
114.8	-0.63	34.39	1447.18
117.0	-0.61	34.46	1447.41
119.1	-0.46	34.51	1448.23
121.3	-0.43	34.52	1448.41
123.4	-0.31	34.56	1449.02
125.5	-0.31	34.56	1449.08
127.6	-0.25	34.60	1449.45
129.8	-0.17	34.65	1449.91
132.0	-0.13	34.65	1450.12
134.3	-0.13	34.65	1450.17
136.4	-0.11	34.66	1450.32
138.7	-0.09	34.66	1450.45
140.8	-0.08	34.67	1450.52
143.0	-0.03	34.71	1450.87
145.1	0.04	34.72	1451.20
147.2	0.05	34.72	1451.29

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 45.6 N

CAST# 150 DOWN  
TIME: 22:09:54  
LON: 155 08.2 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.5	1.55	29.15	1448.35
1.6	1.62	29.17	1448.70
2.8	1.95	29.58	1450.72
3.9	1.83	29.32	1449.87
5.0	1.78	29.39	1449.76
6.3	1.75	29.30	1449.55
7.4	1.78	29.35	1449.75
8.5	1.85	29.72	1450.58
9.7	1.61	29.73	1449.51
11.9	1.36	29.89	1448.66
14.0	2.06	30.28	1452.30
16.2	2.84	31.33	1457.12
18.4	1.74	32.16	1453.45
20.6	3.27	31.13	1458.82
22.8	2.02	30.74	1452.91
24.9	-0.58	30.91	1441.29
27.0	-1.39	31.38	1438.15
29.2	-0.78	31.27	1440.92
31.3	-1.25	31.52	1439.10
33.5	0.25	32.07	1446.83
35.6	0.98	32.13	1450.26
37.7	2.42	32.16	1456.75
39.9	2.55	32.03	1457.17
42.0	2.33	31.46	1455.51
44.1	0.72	32.20	1449.34
46.2	0.77	32.21	1449.62
48.3	0.71	32.28	1449.45
50.6	0.18	32.26	1447.07
52.7	-0.27	32.36	1445.13
55.0	-0.49	32.41	1444.24
57.3	-0.75	32.44	1443.07
59.4	-0.94	32.52	1442.35
61.7	-1.01	32.53	1442.04
63.8	-1.07	32.54	1441.84
66.0	-1.11	32.54	1441.67
68.1	-1.18	32.55	1441.35
70.2	-1.14	32.57	1441.63
72.4	-1.20	32.56	1441.37
74.6	-1.34	32.59	1440.78
76.8	-1.33	32.60	1440.89
78.9	-1.35	32.58	1440.80
81.0	-1.42	32.60	1440.52
83.2	-1.50	32.62	1440.21
85.3	-1.54	32.63	1440.04
87.6	-1.57	32.66	1439.97
89.7	-1.59	32.67	1439.92
91.9	-1.61	32.68	1439.92
94.0	-1.59	32.71	1440.07
96.2	-1.59	32.71	1440.10
98.4	-1.59	32.71	1440.12
100.6	-1.70	32.74	1439.68
102.7	-1.71	32.75	1439.69
104.9	-1.71	32.75	1439.73
107.2	-1.71	32.75	1439.77
109.4	-1.70	32.76	1439.82
111.5	-1.68	32.79	1440.01
113.6	-1.62	33.05	1440.72
115.8	-1.45	33.10	1441.61
118.0	-1.28	33.45	1442.95
120.1	-1.04	34.00	1444.85
122.4	-0.80	34.09	1446.12
124.6	-0.89	34.25	1445.93
126.7	-0.79	34.35	1446.56
129.0	-0.70	34.37	1447.07
131.3	-0.69	34.37	1447.16

MIZPAC 85  
DATE: 85/09/14  
LAT: 71 42.8 N

CAST# 151 DOWN  
TIME: 23:12:55  
LON: 155 04.5 W

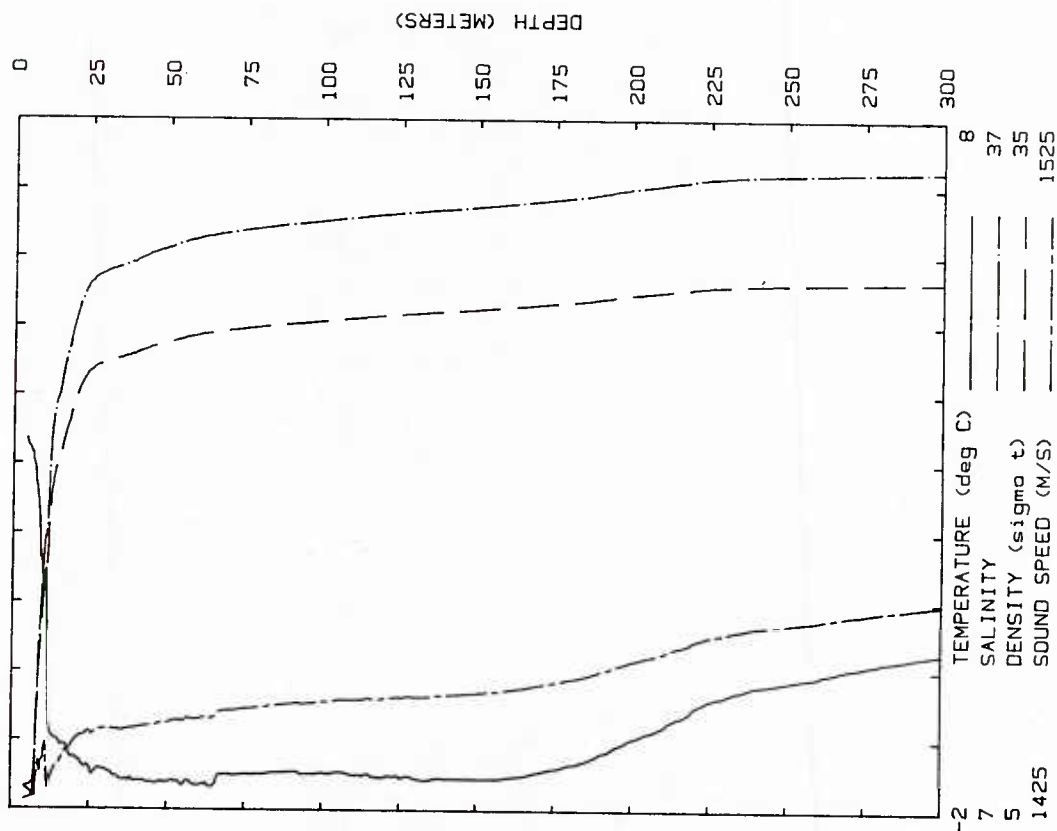
DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.6	4.18	30.45	1461.45
1.7	4.39	30.67	1462.64
2.9	4.48	30.61	1462.96
4.2	4.25	30.47	1461.83
5.3	4.28	30.47	1461.98
6.5	4.23	30.55	1461.90
7.5	4.27	30.49	1462.01
8.7	4.26	30.49	1461.98
9.8	4.30	30.53	1462.20
12.1	4.91	30.89	1465.26
14.3	5.27	31.03	1466.94
16.6	5.54	31.16	1468.25
18.9	5.54	31.16	1468.29
21.1	5.46	31.17	1467.99
23.3	5.43	31.18	1467.93
25.6	5.36	31.19	1467.70
27.7	5.22	31.20	1467.17
29.8	5.13	31.23	1466.89
31.9	5.13	31.23	1466.90
34.0	5.13	31.23	1466.93
36.1	5.12	31.23	1466.94
38.4	5.11	31.23	1466.94
40.7	5.10	31.23	1466.94
42.8	5.09	31.23	1466.92
45.1	5.09	31.23	1466.95
47.4	5.09	31.23	1466.99
49.5	5.08	31.23	1466.98
51.6	5.07	31.23	1466.97
53.7	5.06	31.23	1466.97
56.1	5.05	31.23	1466.97
58.4	5.02	31.24	1466.90
60.7	5.00	31.25	1466.88
62.9	4.80	31.31	1466.18
65.1	4.26	31.51	1464.20
67.2	4.00	31.59	1463.23
69.4	3.85	31.67	1462.73
71.6	3.81	31.69	1462.65
73.8	3.80	31.72	1462.67
75.9	3.84	31.73	1462.87
78.1	3.86	31.74	1463.02
80.4	3.88	31.74	1463.15
82.6	3.90	31.74	1463.26
84.9	3.17	31.74	1460.20
87.2	3.02	31.92	1459.82
89.4	2.92	32.00	1459.53
91.6	2.84	31.99	1459.23
93.7	1.80	31.86	1454.52
96.0	1.31	32.05	1452.63
98.2	1.19	31.88	1451.92
100.5	-0.22	31.96	1445.63
102.8	-1.09	32.10	1441.78
105.0	-1.09	32.18	1441.91
107.1	-1.11	32.27	1441.98
109.4	-0.85	32.37	1443.38
111.7	-0.35	32.48	1445.89
113.9	-0.31	32.70	1446.42
116.0	-0.77	33.03	1444.74
118.1	-1.02	33.23	1443.85
120.2	-1.04	33.29	1443.86
122.4	-0.91	33.57	1444.89
124.7	-0.52	33.93	1447.24
126.9	-0.47	34.09	1447.75
129.1	-0.56	34.15	1447.41
131.3	-0.64	34.23	1447.21
133.5	-0.60	34.34	1447.58
135.6	-0.61	34.38	1447.62
137.9	-0.59	34.42	1447.79
140.0	-0.58	34.43	1447.86
142.2	-0.54	34.45	1448.14
144.3	-0.53	34.46	1448.21

MIZPAC 85            CAST# 152 DOWN  
DATE: 85/09/15        TIME: 00:46:02  
LAT: 71 33.7 N        LON: 154 49.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.1	2.90	29.29	1454.49
1.2	2.91	30.46	1456.06
2.4	2.76	29.21	1453.84
3.5	2.59	29.18	1453.03
4.7	2.55	29.16	1452.87
6.0	3.09	29.87	1456.17
7.2	4.72	30.11	1463.38
8.4	5.18	30.21	1465.43
9.5	5.21	30.22	1465.60
11.6	5.36	30.29	1466.34
13.9	5.47	30.30	1466.83
15.9	5.49	30.31	1466.94
18.0	5.58	30.36	1467.40
20.3	5.68	30.61	1468.17
22.6	5.63	30.69	1468.12

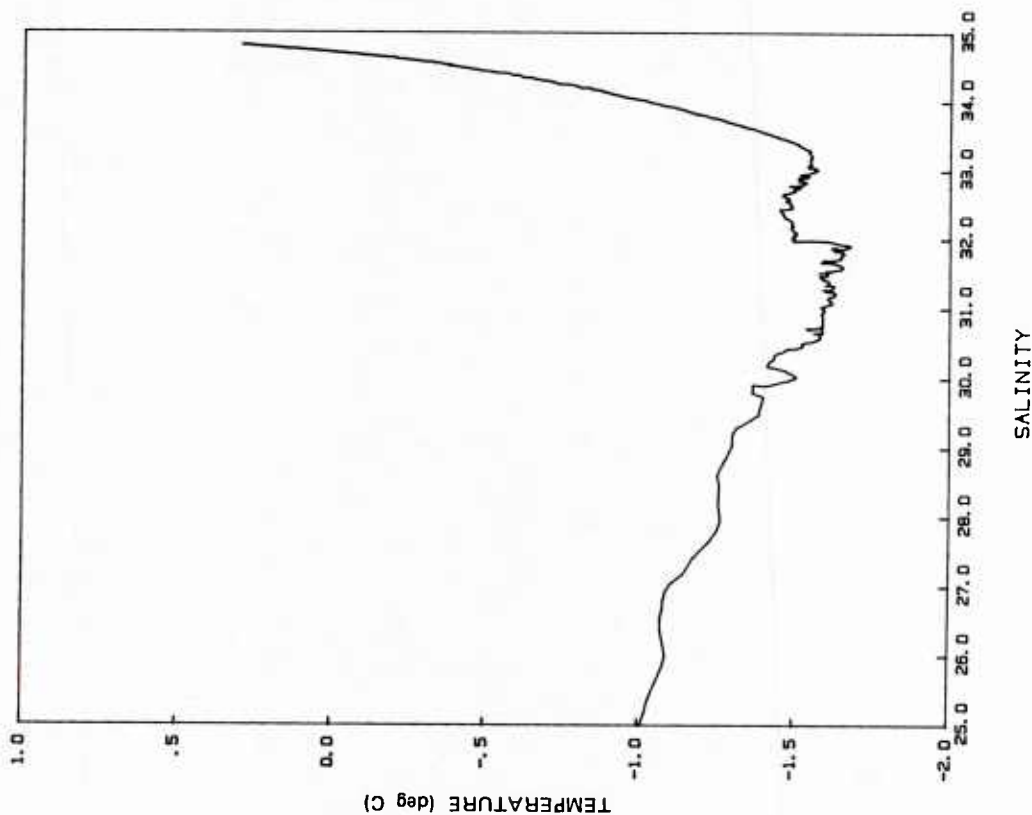
CAST # 1 DOWN  
 LAT 70 11.1 N  
 LON 138 44.1 W  
 DATE 08-17-1985  
 TIME 23:11:41  
 SENSOR NETL BROWN  
 MODEL MK. III  
 NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



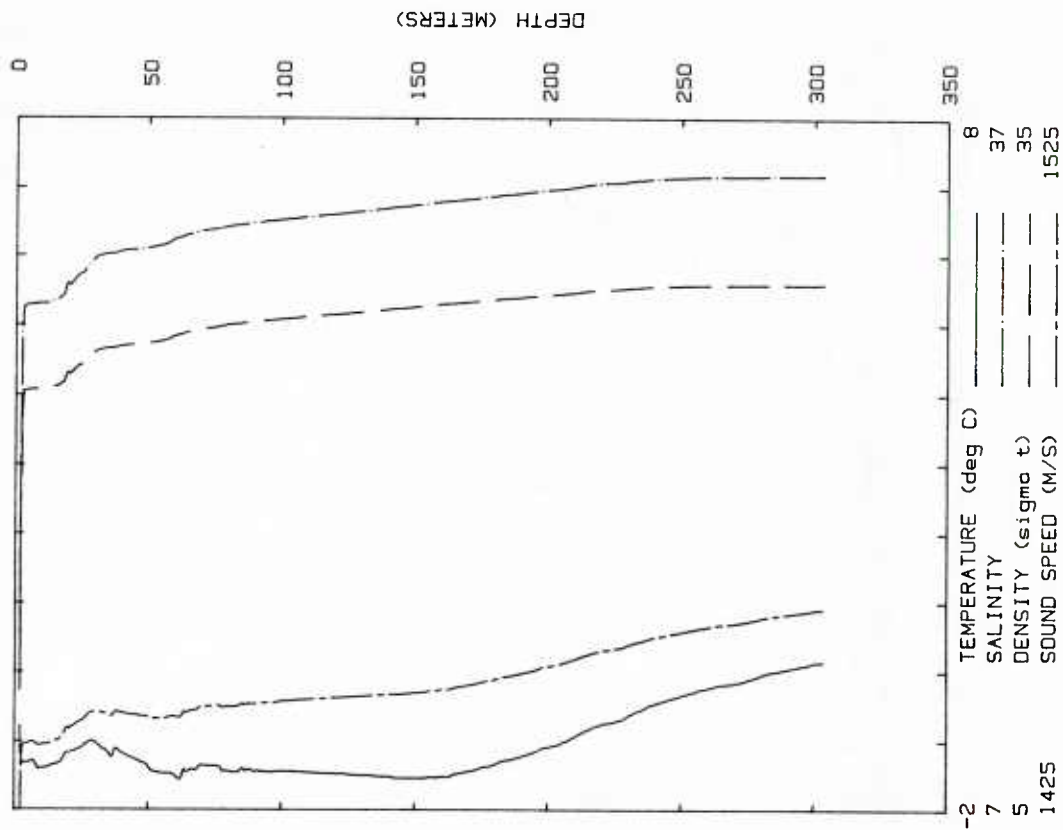
CAST# 1 DOWN  
 DATE: 85/08/17  
 TIME: 23:11:41  
 LAT: 70 11.1 N  
 LON: 138 44.1 W

# MIZPAC 85 TS CURVE



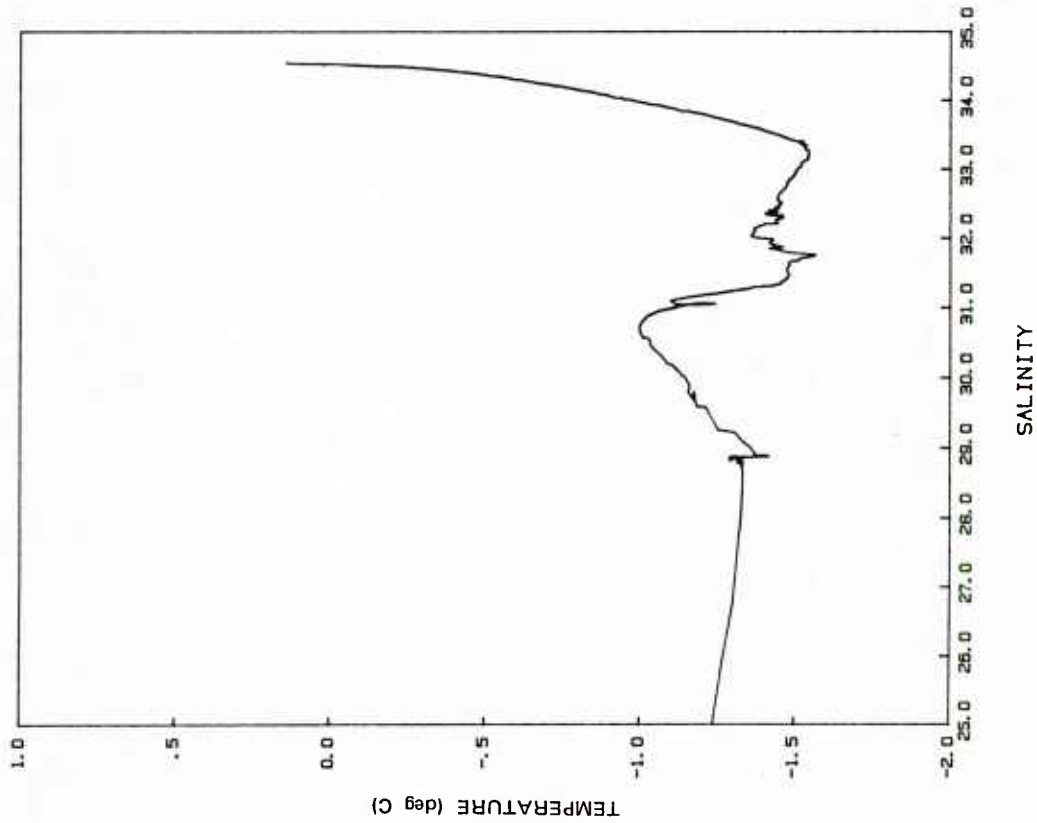
CAST # 2 UP  
 LAT 71 03.6 N  
 LON 134 06.7 W  
 DATE 08-18-1985  
 TIME 19:03:22  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST# 2 UP  
 DATE: 85/08/18  
 TIME: 19:03:22  
 LAT: 71 03.6 N  
 LON: 134 06.7 W

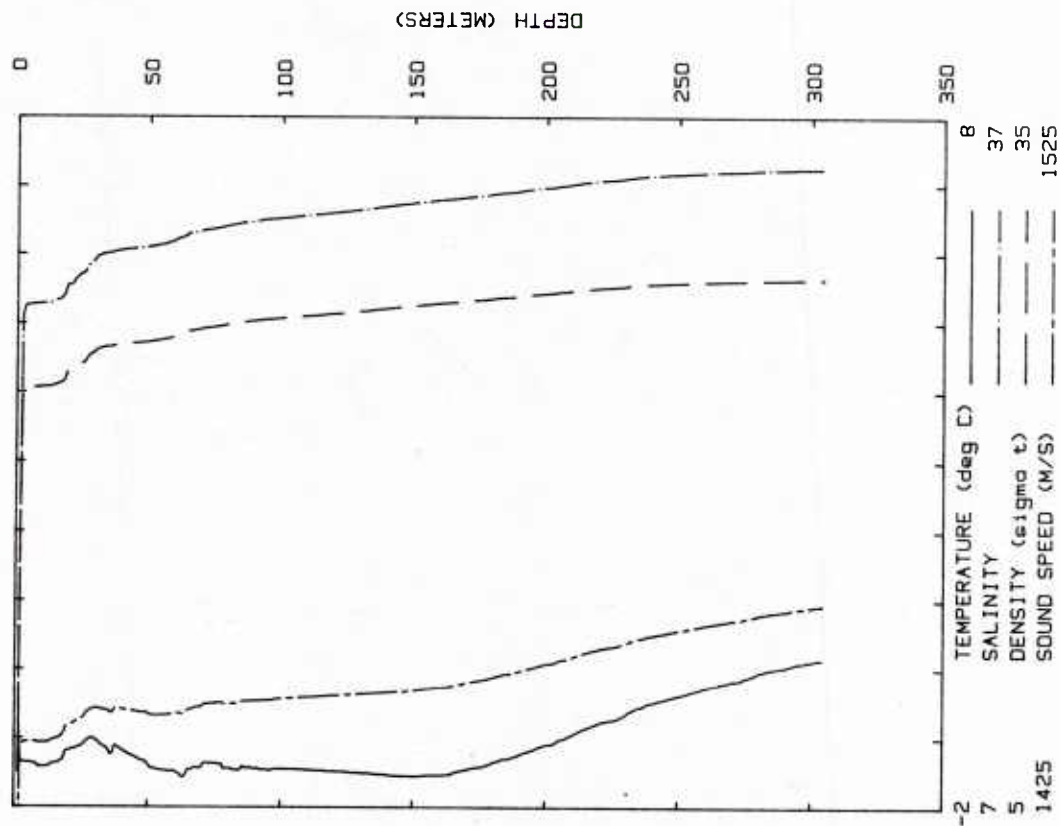
# MIZPAC 85 TS CURVE





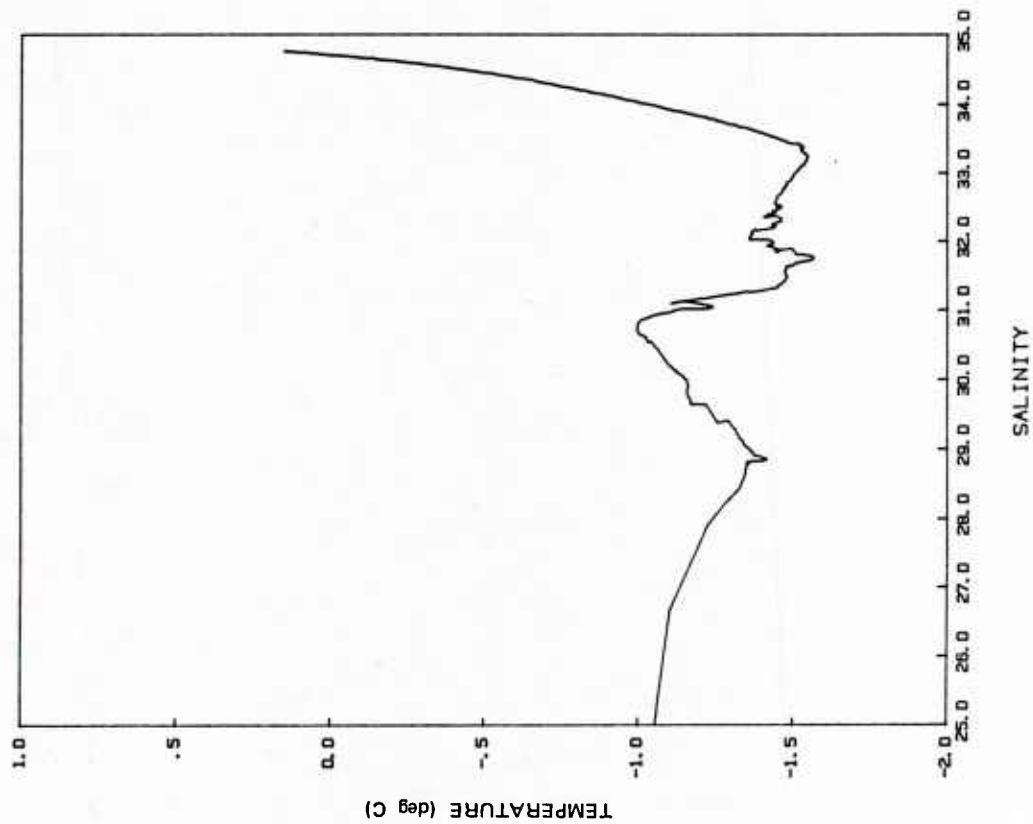
CAST # 3 DOWN  
 LAT 71 03.6 N  
 LON 134 06.7 W  
 DATE 08-18-1985  
 TIME 19:18:23  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



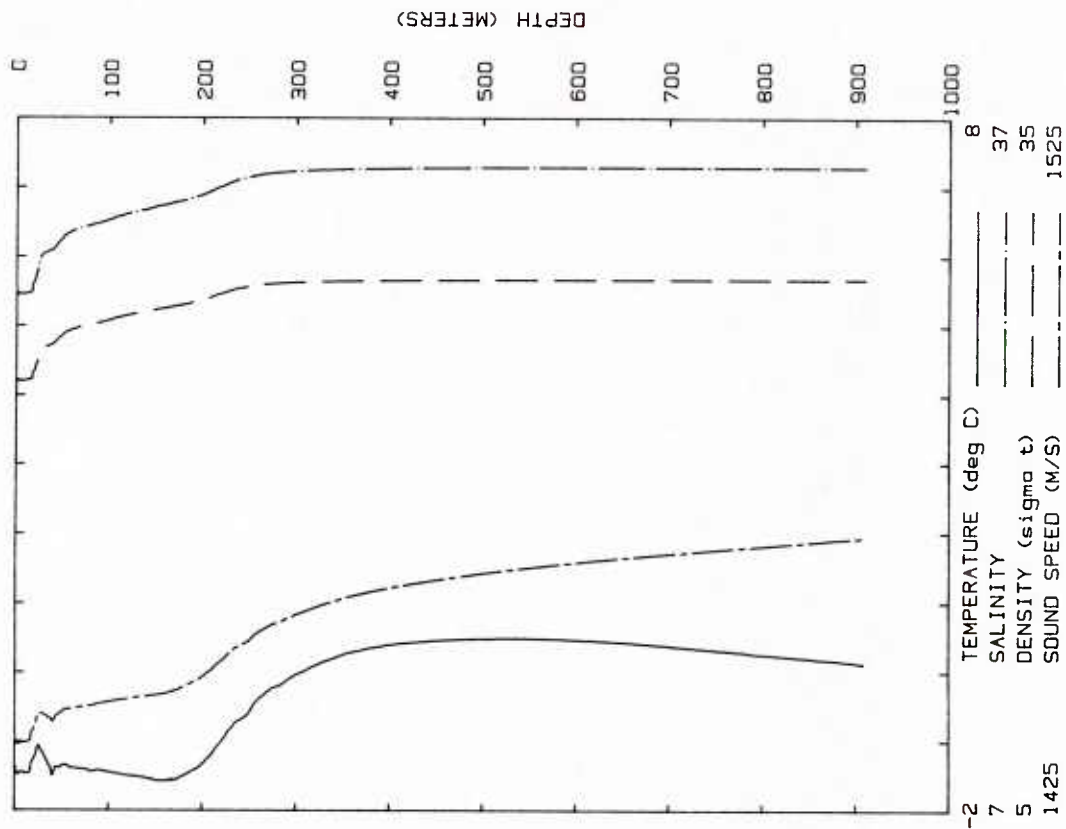
CAST# 3 DOWN  
 DATE: 85/08/18  
 TIME: 19:18:23  
 LAT: 71 03.6 N  
 LON: 134 06.7 W

# MIZPAC 85 TS CURVE



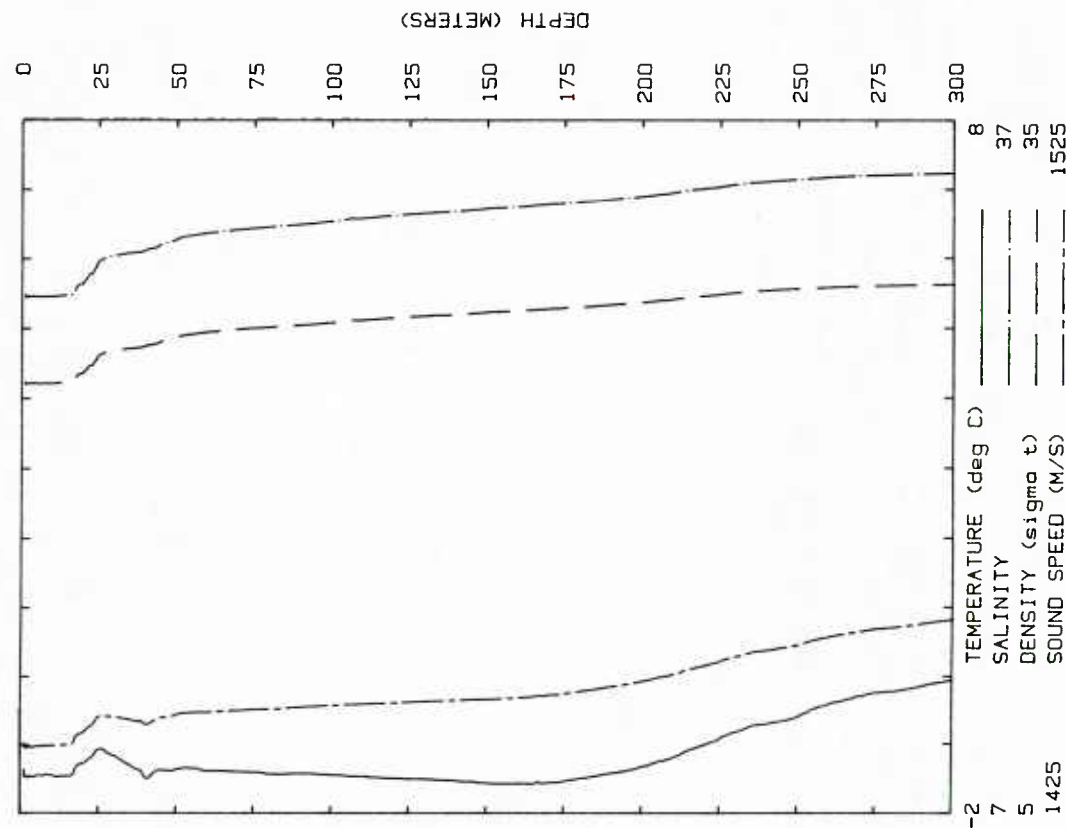
CAST # 4 DOWN  
LAT 71 33.9 N  
LON 133 59.5 W  
DATE 08-19-1985  
TIME 15:53.49  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



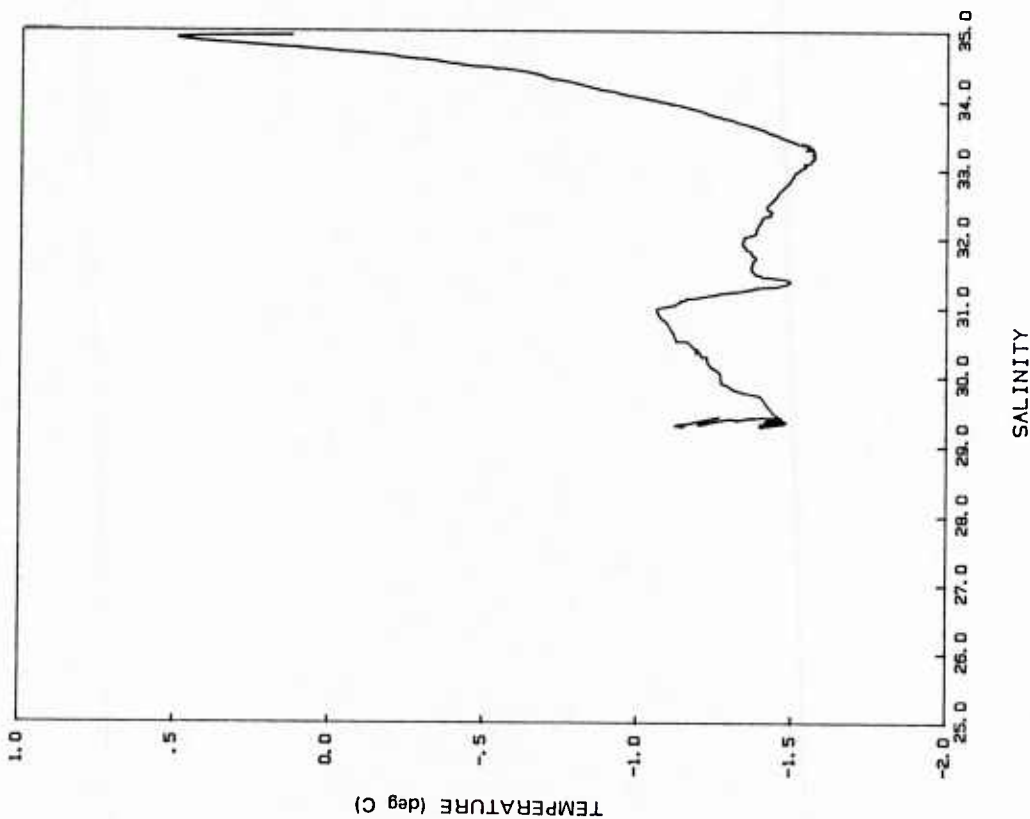
CAST # 4 DOWN  
LAT 71 33.9 N  
LON 133 59.5 W  
DATE 08-19-1985  
TIME 15:53.49  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



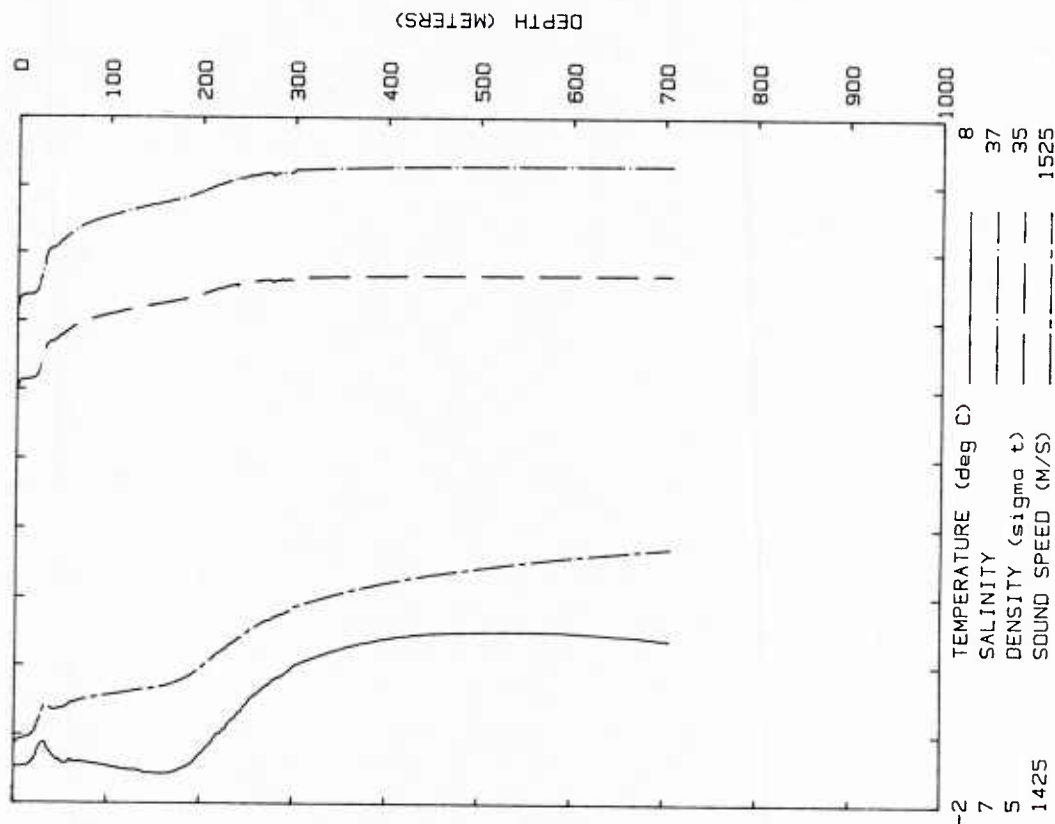
CASE # 4 DOWN  
 DATE: 85/08/19  
 TIME: 15:53.48  
 LAT: 71 33.8 N  
 LON: 133 50.5 W

# MIZPAC 85 TS CURVE



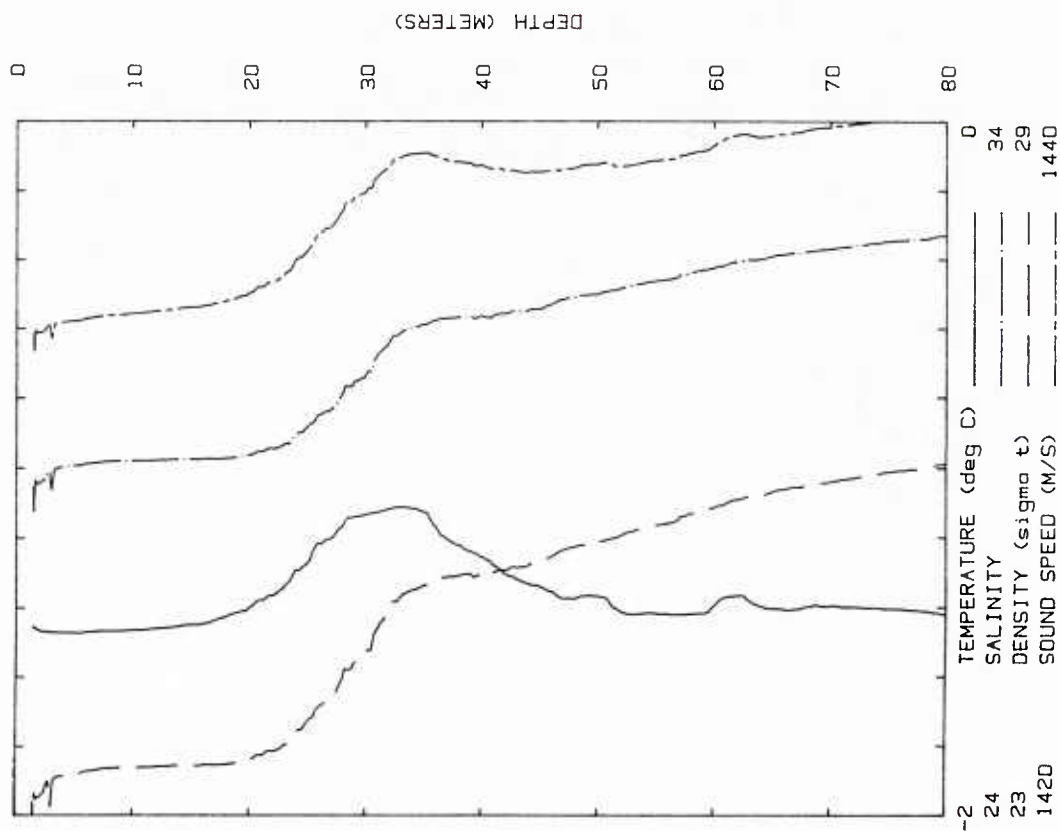
CASE # 5 DOWN  
 LAT: 71 18.9 N  
 LON: 134 00.0 W  
 DATE: 08-20-1985  
 TIME: 09:45:26  
 SENSOR: NEIL BROWN  
 MODEL: MK. III  
 NUMBER: 01-2904--J

# MIZPAC 85 CTD PROFILE



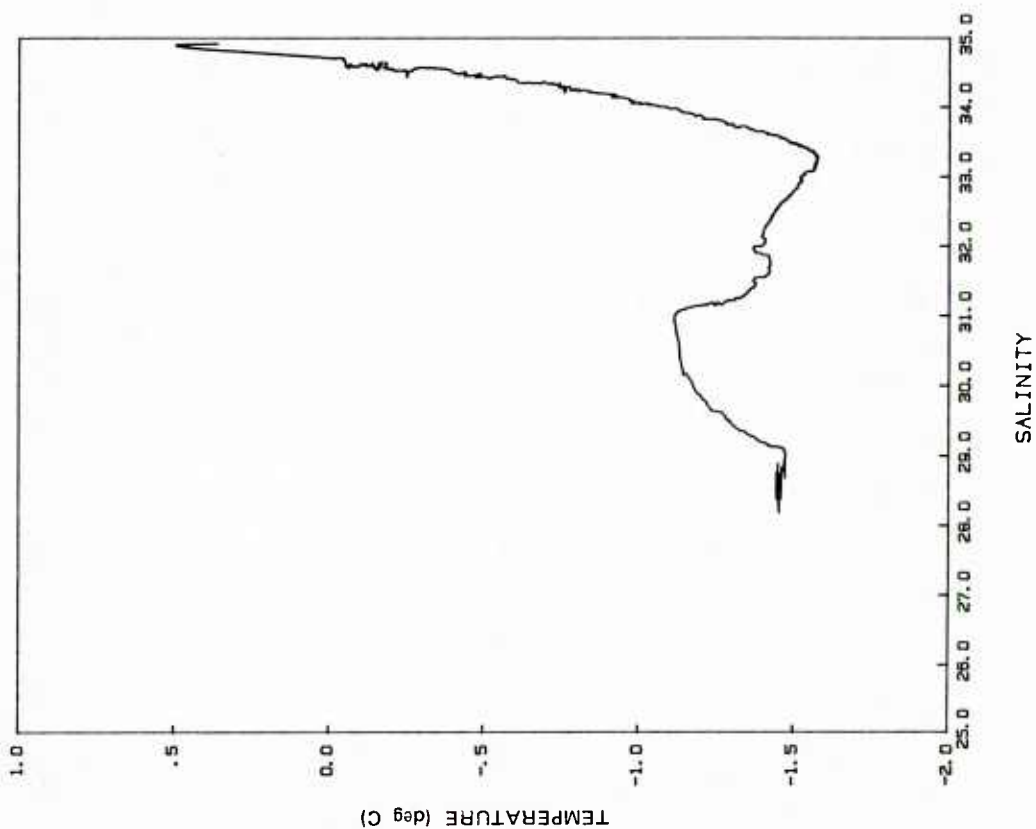
CAST # 5 DOWN  
 LAT 71 18.9 N  
 LON 134 00.0 W  
 DATE 08-20-1985  
 TIME 09:45:26  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



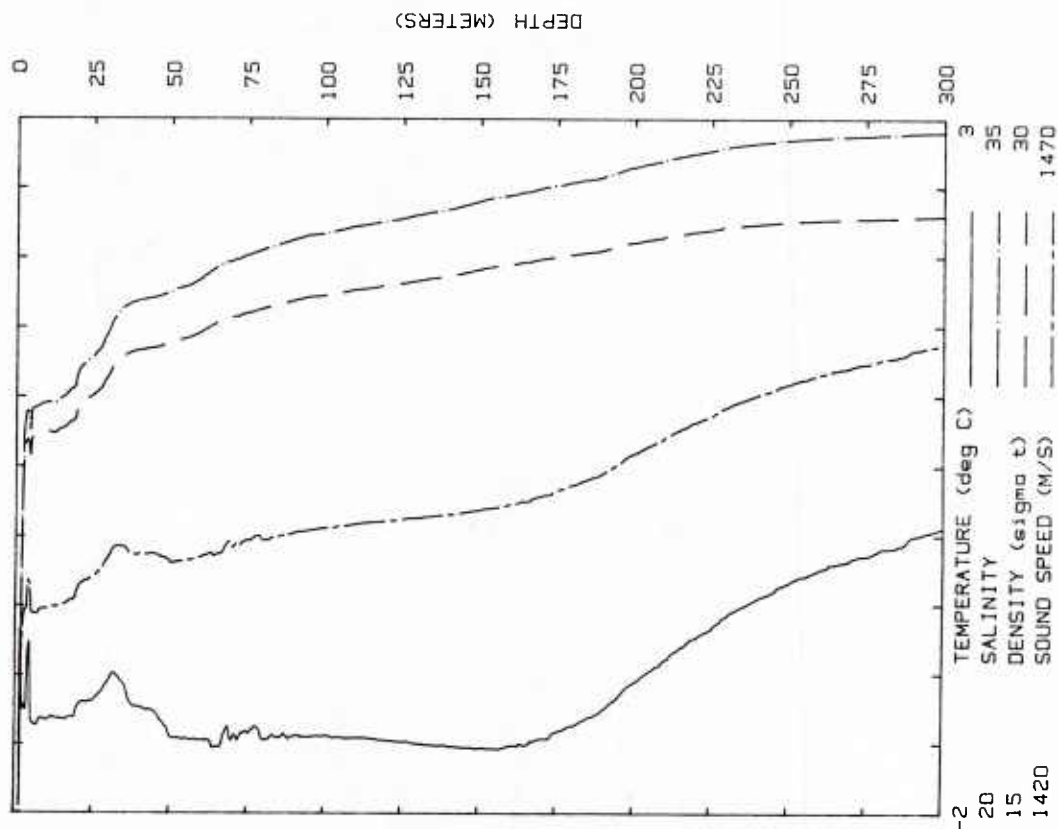
CAST# 5 DOWN  
 DATE, 85/08/20  
 TIME, 09:45:26  
 LAT, 71 18.9 N  
 LON, 134 00.0 W

# MIZPAC 85 TS CURVE



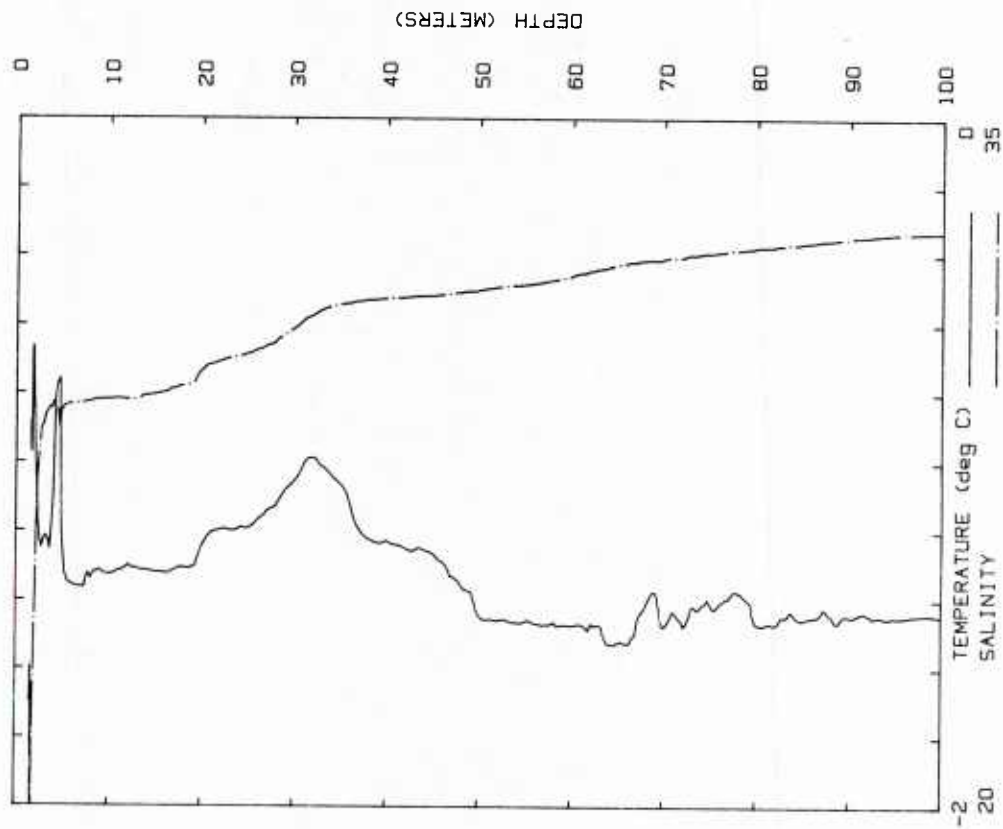
CAST # 6 DOWN  
LAT 71 08.2 N  
LON 134 09.7 W  
DATE 08-21-1995  
TIME 01:46:44  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



CAST # 6 DOWN  
LAT 71 08.2 N  
LON 134 09.7 W  
DATE 08-21-1995  
TIME 01:46:44  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2804-1

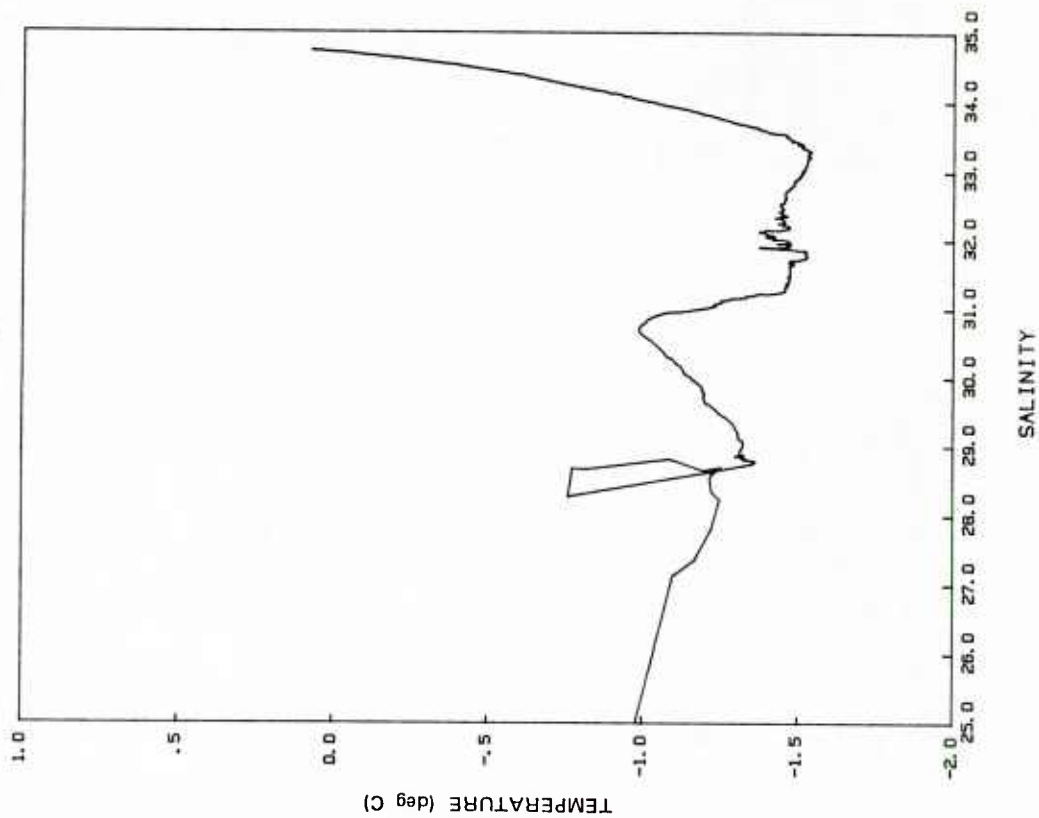
# MIZPAC 85 CTD PROFILE





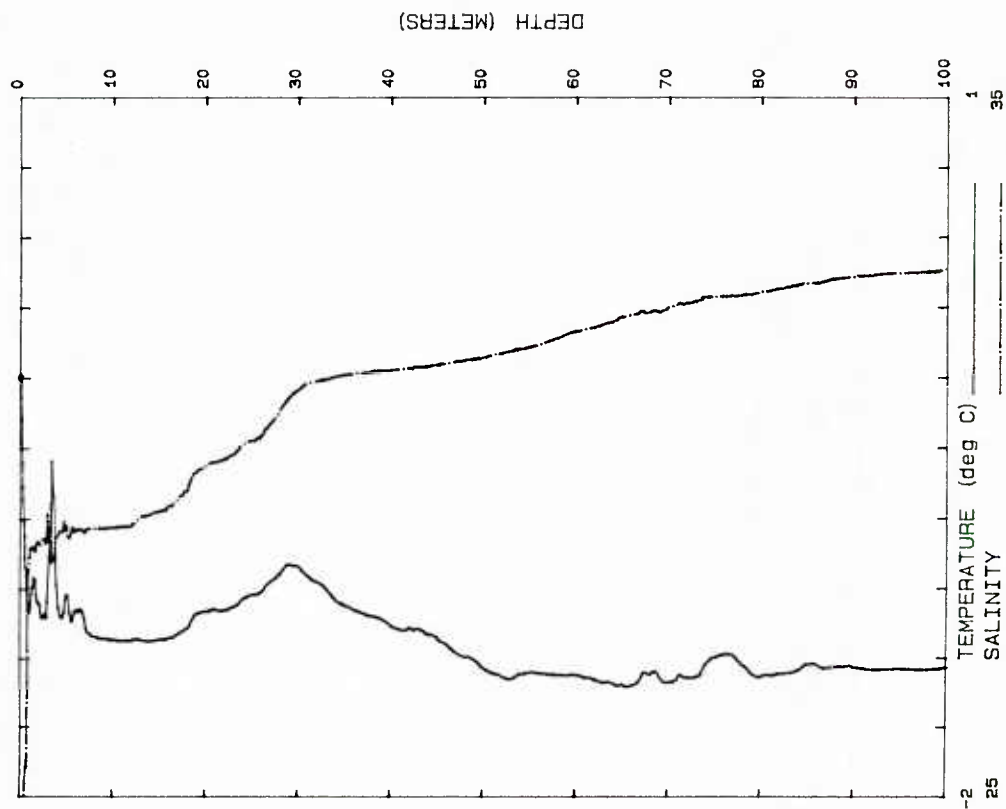
CAST# 6 DOWN  
DATE: 85/08/21  
TIME: 01:46:44  
LAT: 71 08.2 N  
LON: 134 08.7 W

# MIZPAC 85 TS CURVE



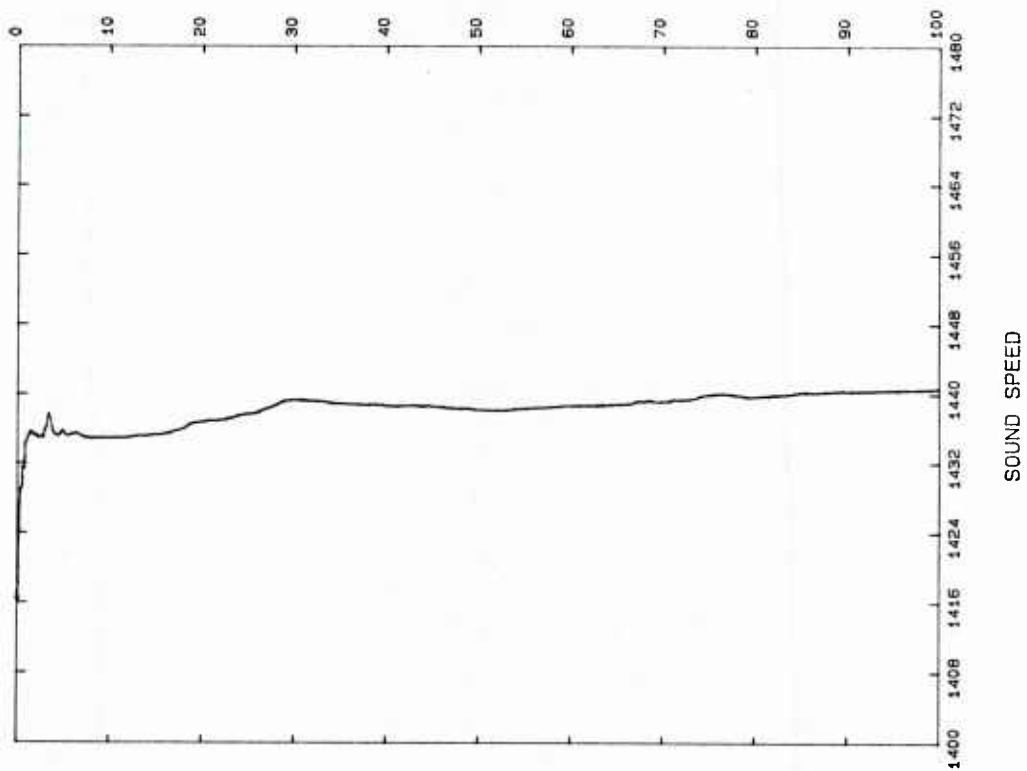
CAST# 7 DOWN  
DATE: 85/08/21  
TIME: 02:14:29  
LAT: 71 08.2 N  
LON: 134 08.7 W

# MIZPAC 85 CTD PROFILE



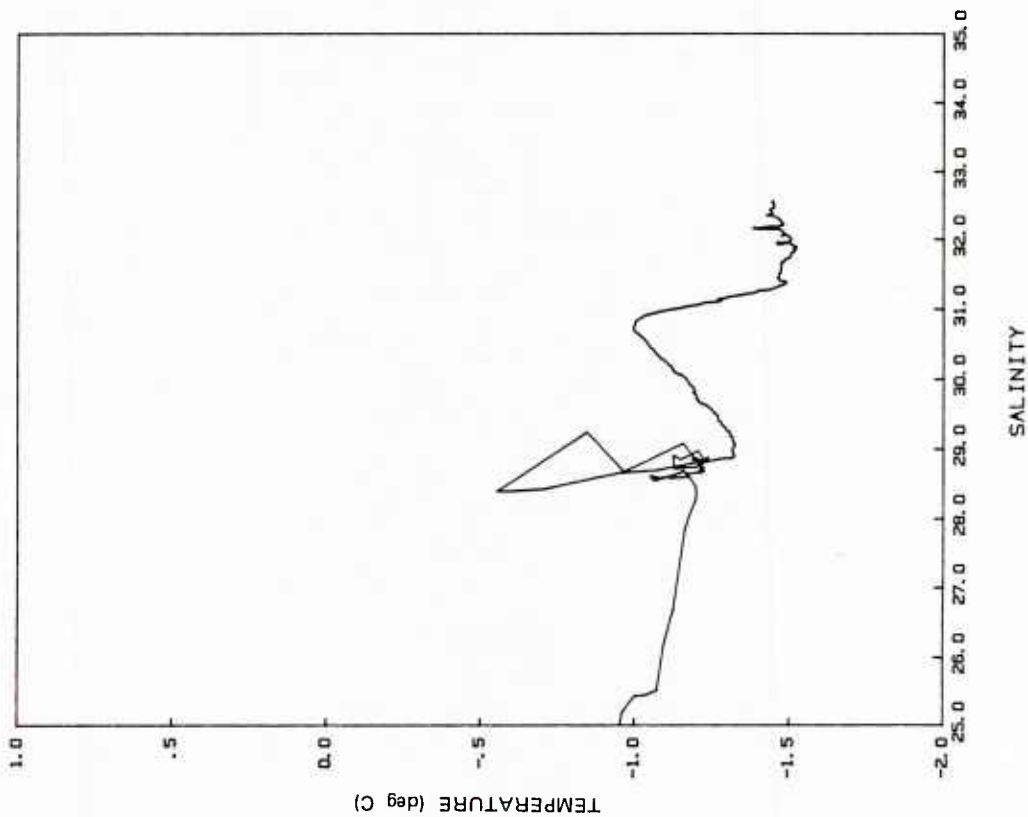
CAST# 7 DOWN  
DATE: 85/08/21  
TIME: 02:14:29  
LAT: 71 08.2 N  
LON: 134 09.7 W

### MIZPAC 85 CALCULATED SOUND SPEED



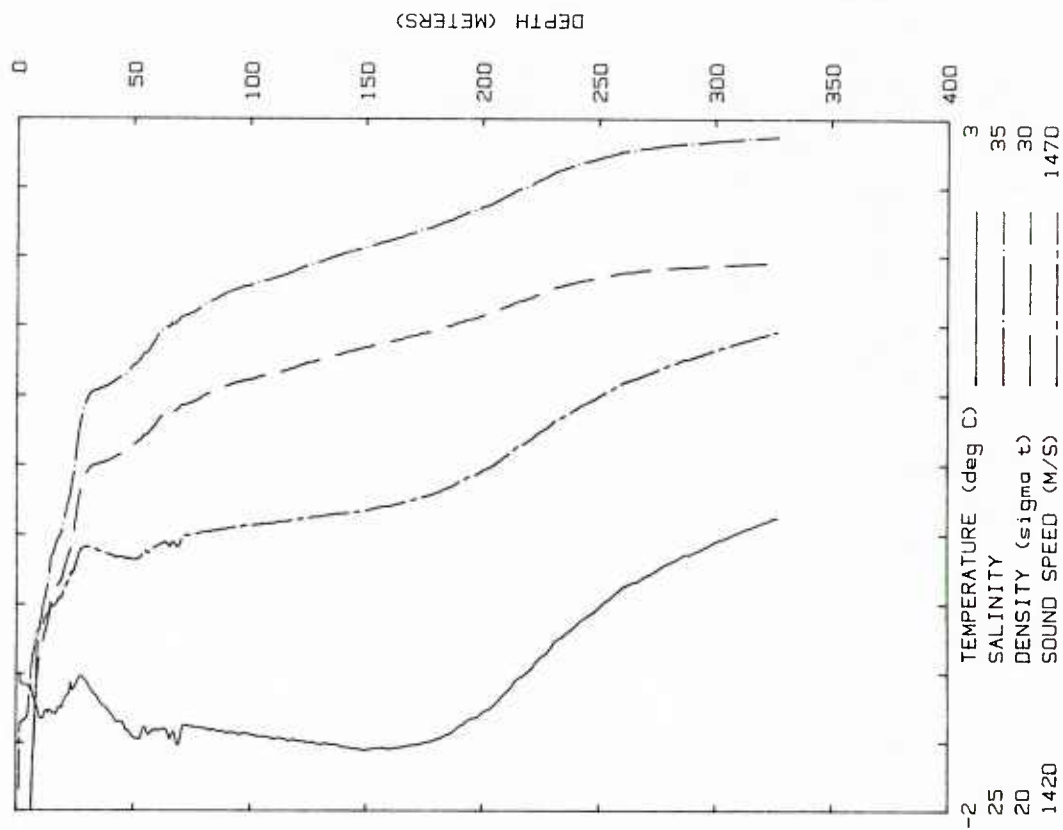
CAST# 7 DOWN  
DATE: 85/08/21  
TIME: 02:14:29  
LAT: 71 08.2 N  
LON: 134 09.7 W

### MIZPAC 85 TS CURVE



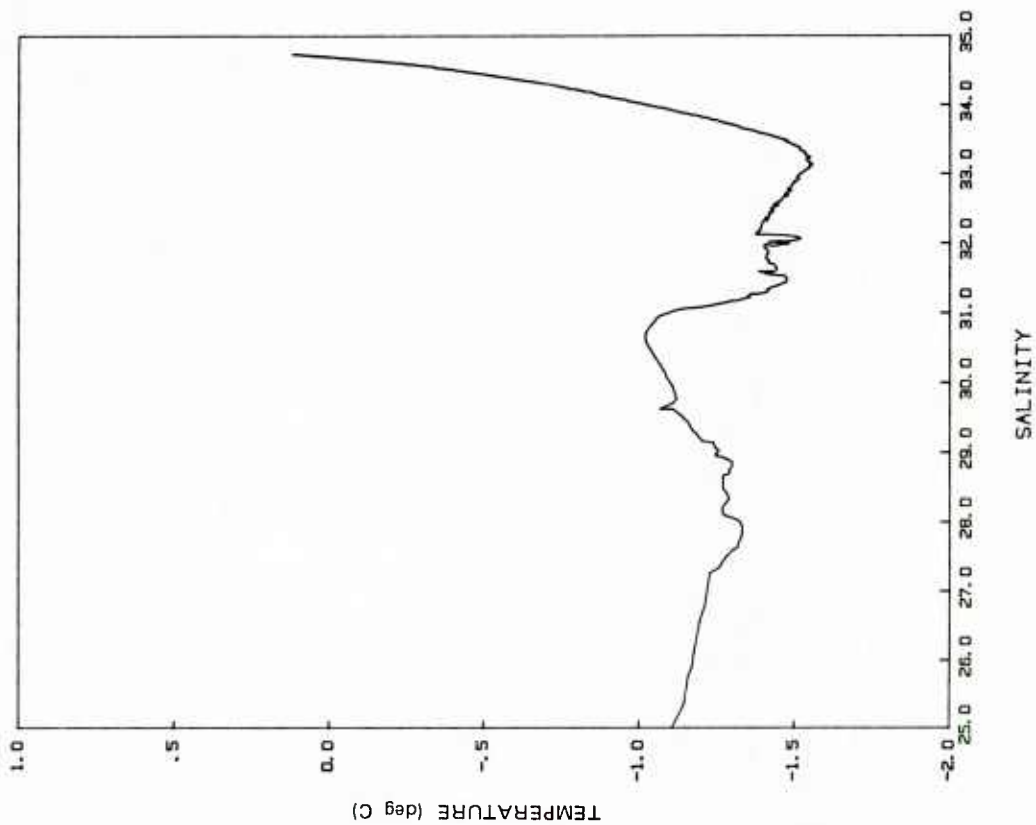
CAST # 8 DOWN  
 LAT 70 59.8 N  
 LON 135 19.2 W  
 DATE 08-21-1985  
 TIME 12:23:06  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



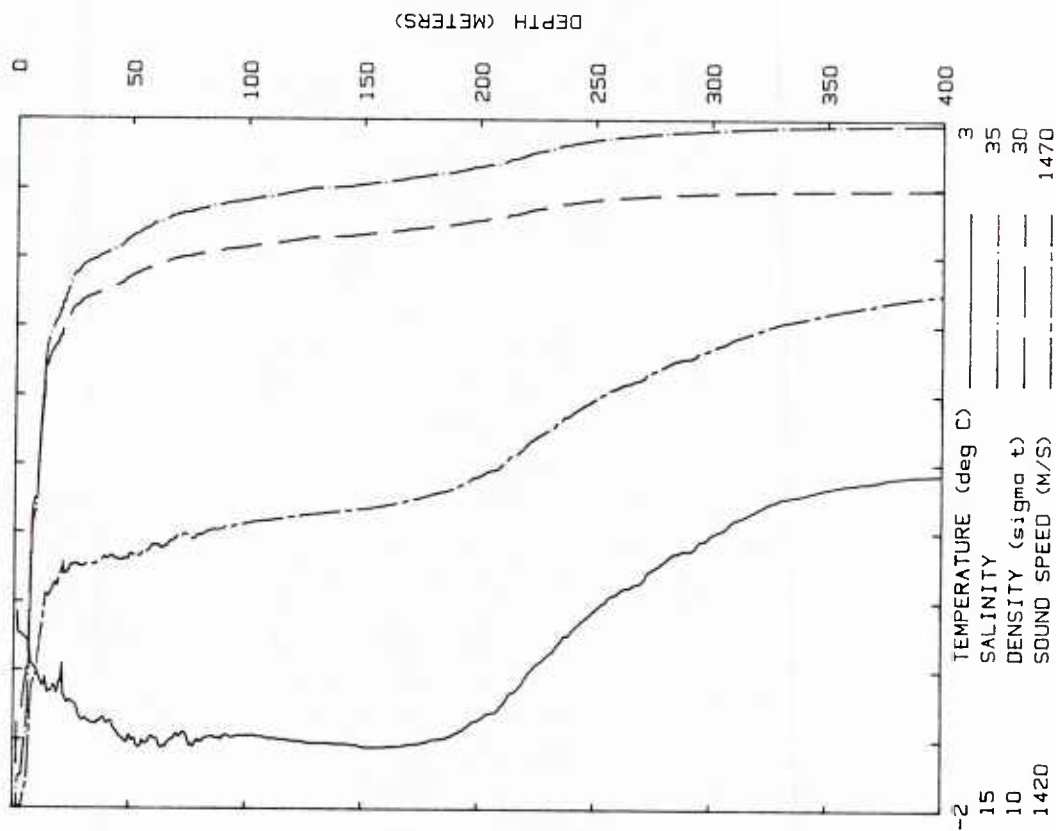
CAST# 8 DOWN  
 DATE: 85/08/21  
 TIME: 12:23:06  
 LAT: 70 59.8 N  
 LON: 135 19.2 W

# MIZPAC 85 TS CURVE



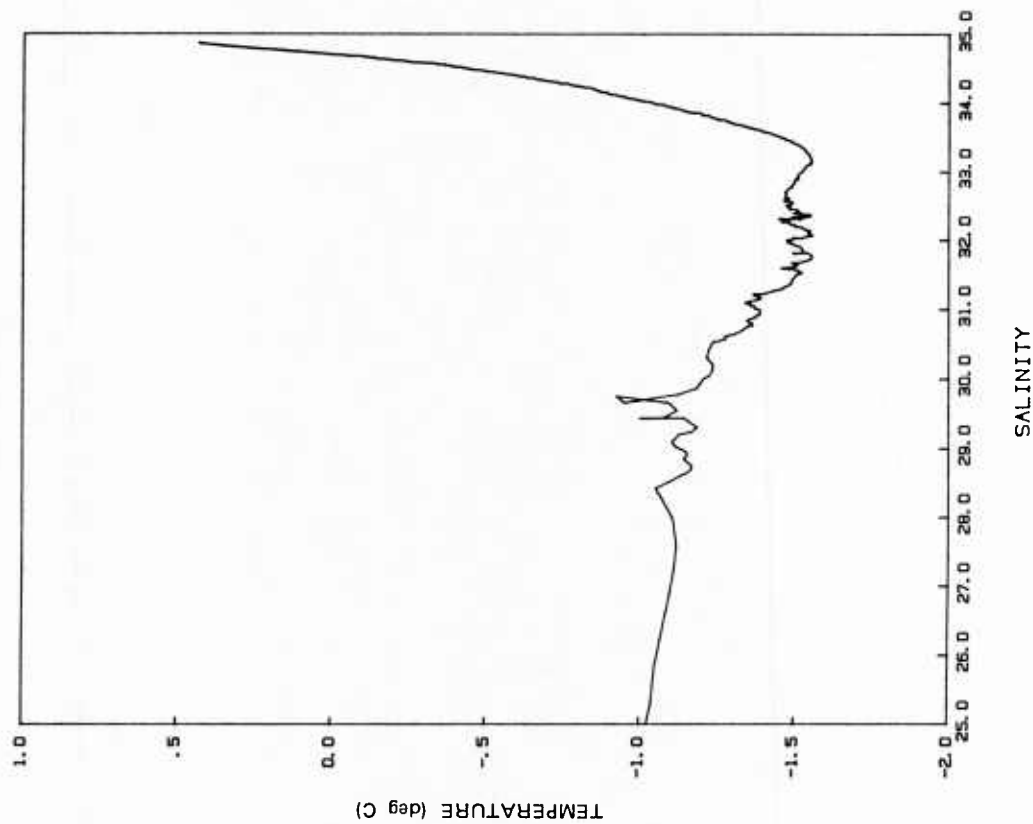
CAST # 9 DOWN  
 LAT 70 53.8 N  
 LON 135 24.1 W  
 DATE 08-21-1985  
 TIME 21:44:47  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER D1-2904-1

# MIZPAC 85 CTD PROFILE



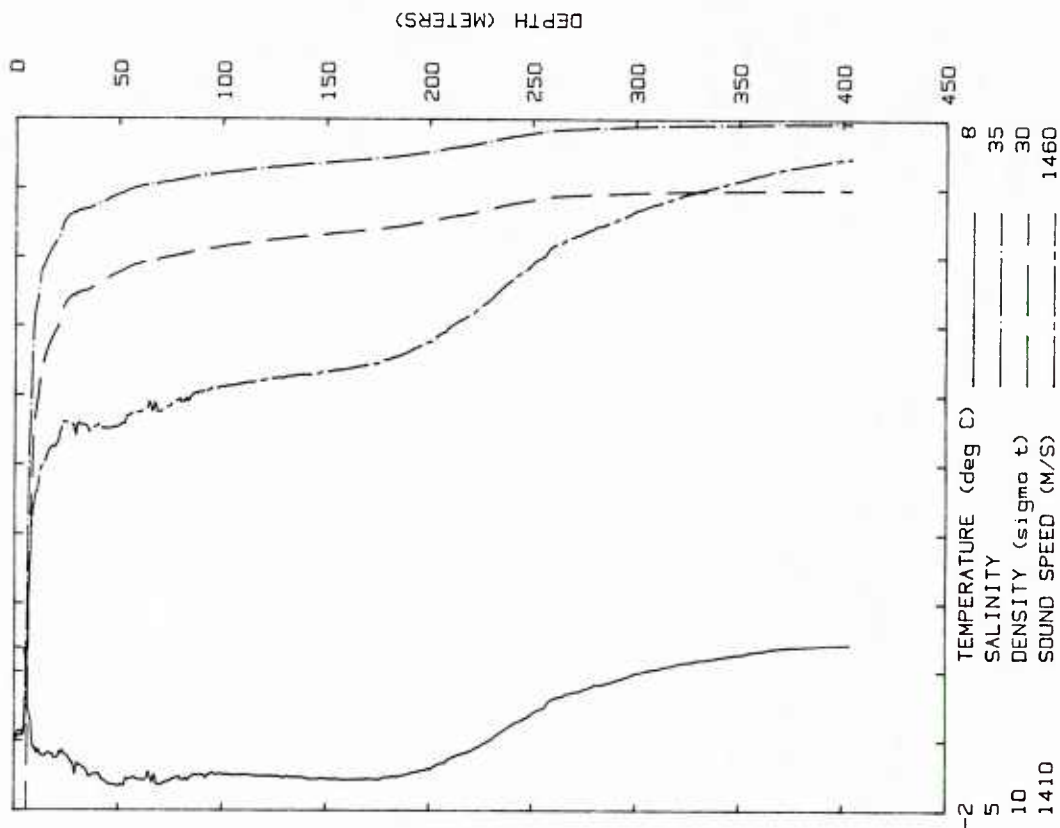
CAST# 9 DOWN  
 DATE: 85/08/21  
 TIME: 21:44:47  
 LAT: 70 53.8 N  
 LON: 135 24.1 W

# MIZPAC 85 TS CURVE



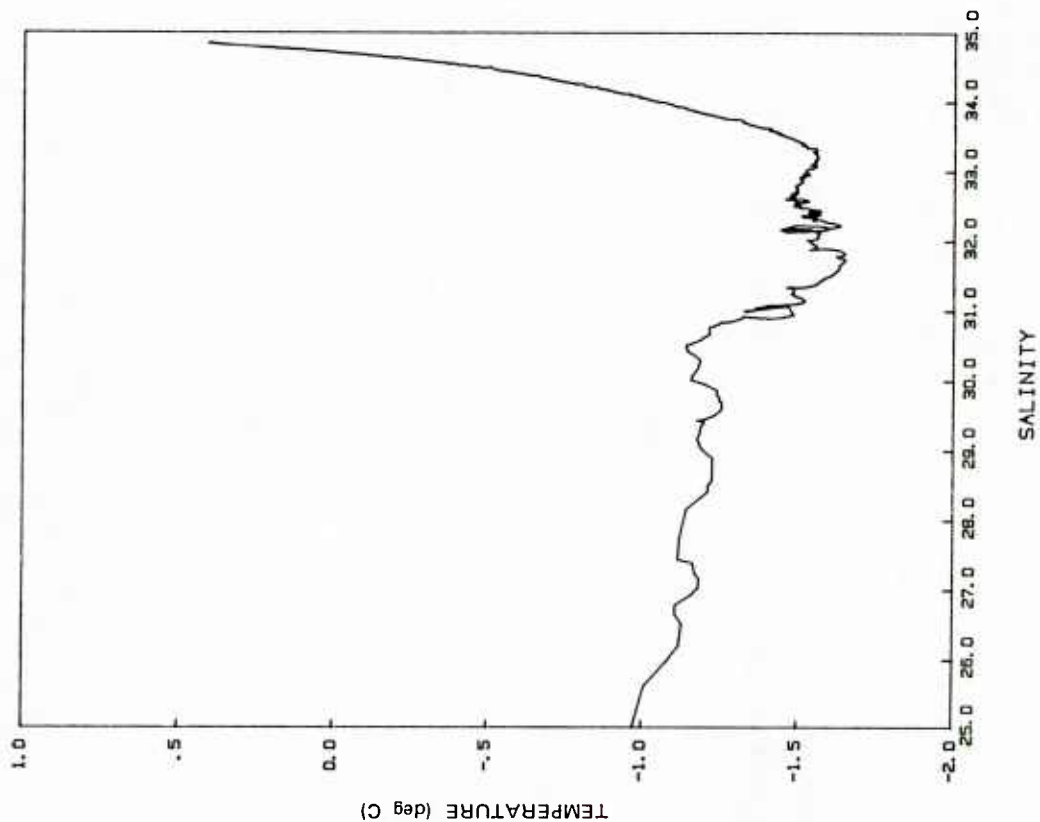
CAST # 10 DOWN  
 LAT 70.31.1 N  
 LON 136.16.1 W  
 DATE 08-22-1985  
 TIME 04.44.05  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2304-1

# MIZPAC 85 CTD PROFILE



CAST# 10 DOWN  
 DATE: 85/08/22  
 TIME: 04.44.05  
 LAT: 70 31.1 N  
 LON: 136 16.1 W

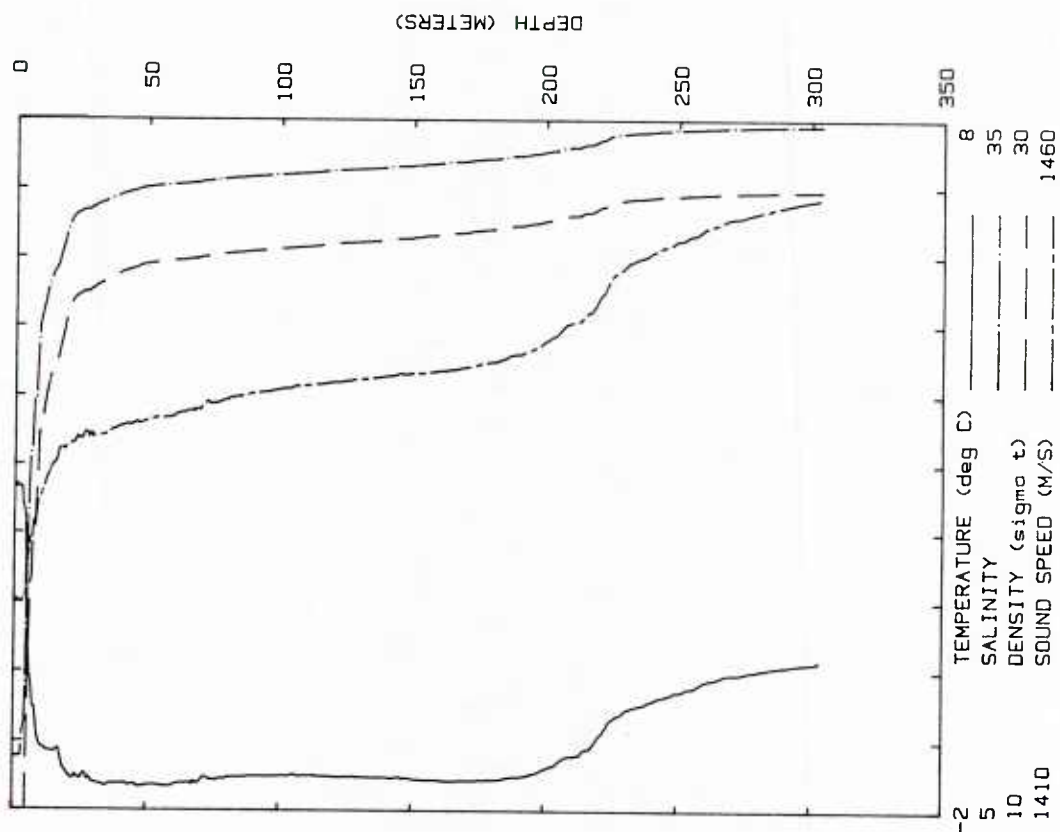
# MIZPAC 85 TS CURVE





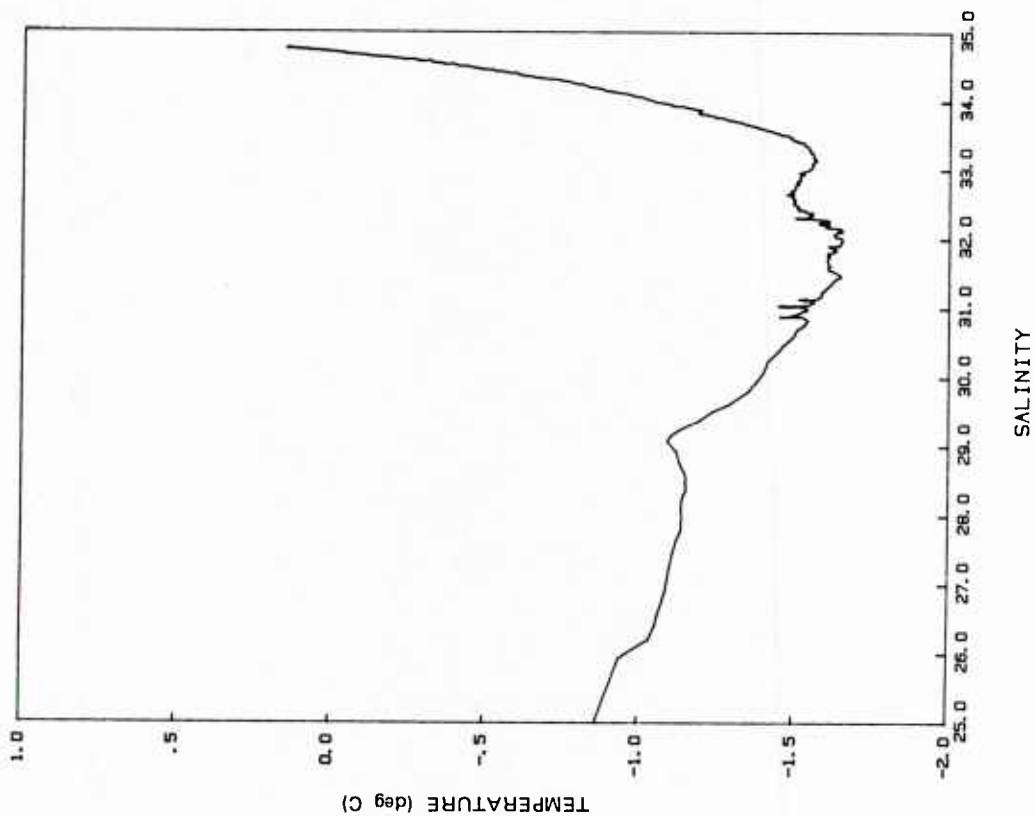
CAST # 11 DOWN  
 LAT 70 30.1 N  
 LON 136 48.7 W  
 DATE 08-22-1985  
 TIME 08:19:38  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



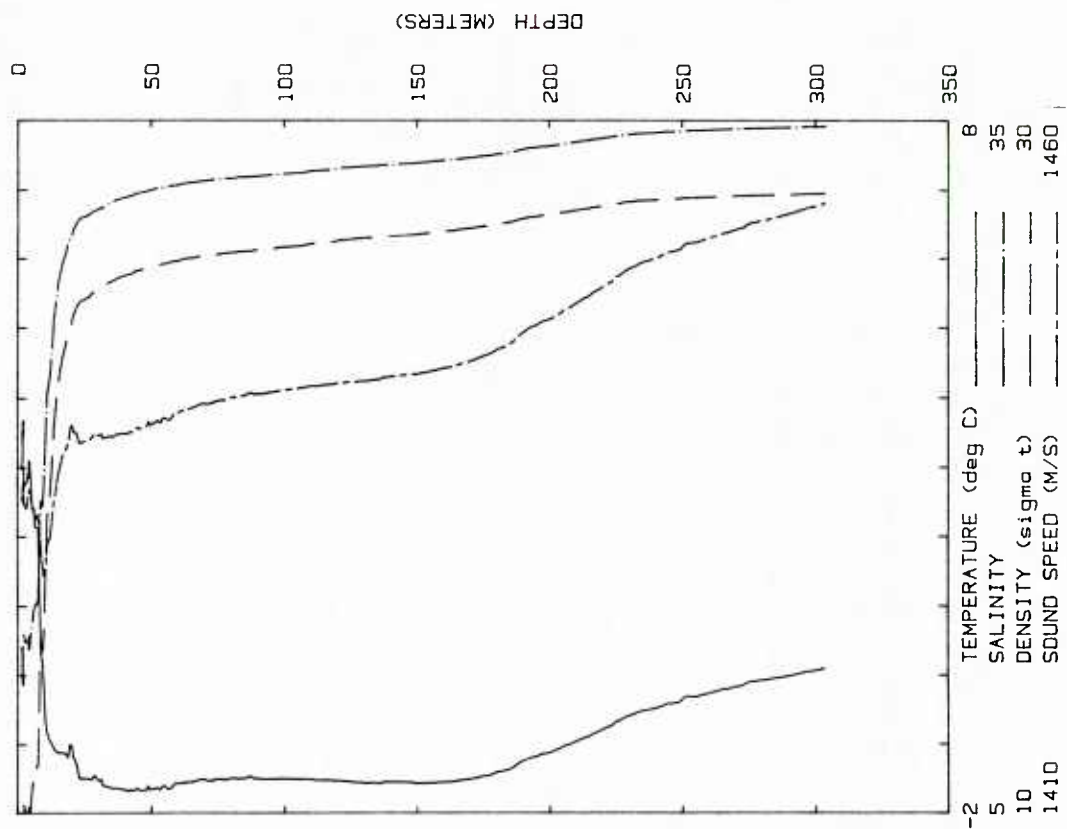
CAST# 11 DOWN  
 DATE: 85/08/22  
 TIME: 08:19:38  
 LAT: 70 30.1 N  
 LON: 136 48.7 W

# MIZPAC 85 TS CURVE



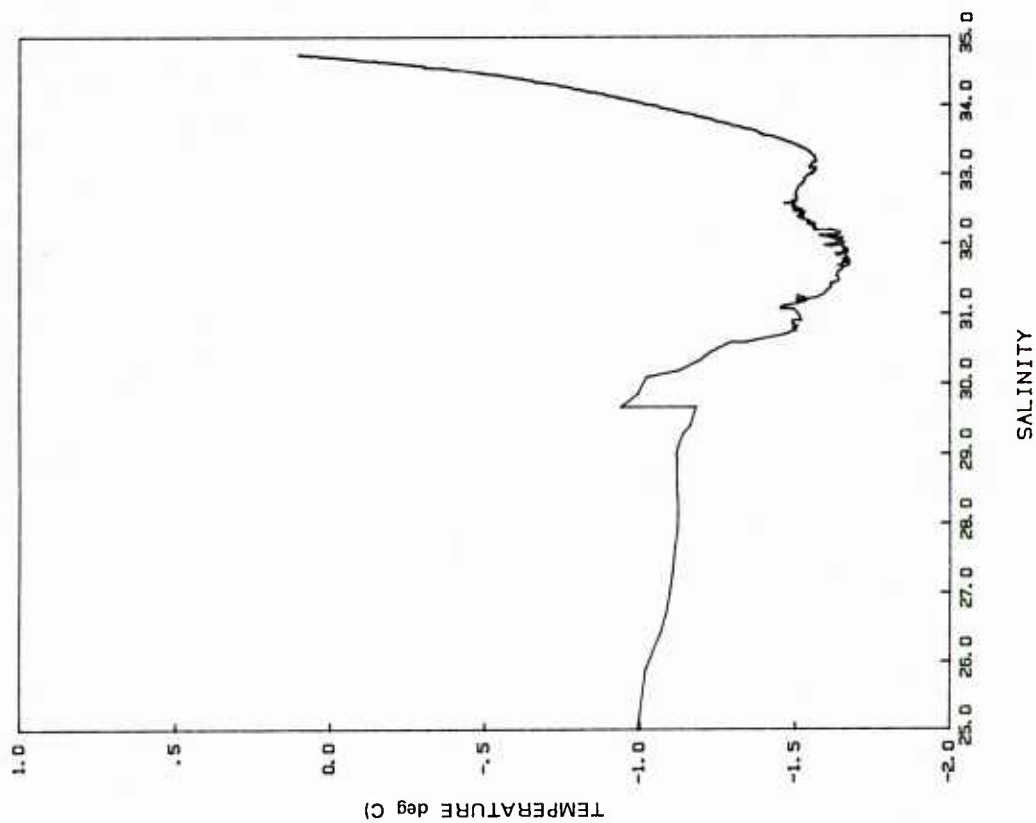
CAST # 12 DOWN  
 LAT 70 21.2 N  
 LON 137 59.3 W  
 DATE 08-22-1985  
 TIME 11:49:53  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



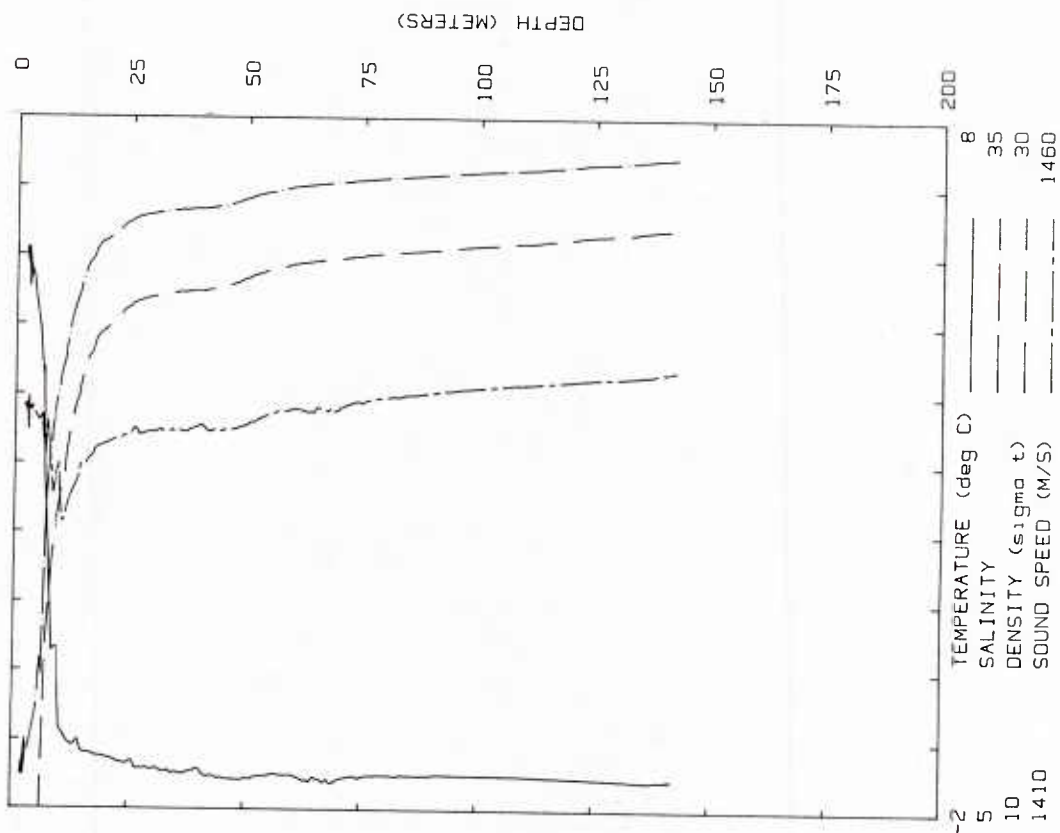
CAST# 12 DOWN  
 DATE: 85/08/22  
 TIME: 11:49:53  
 LAT: 70 21.2 N  
 LON: 137 59.3 W

# MIZPAC 85 TS CURVE



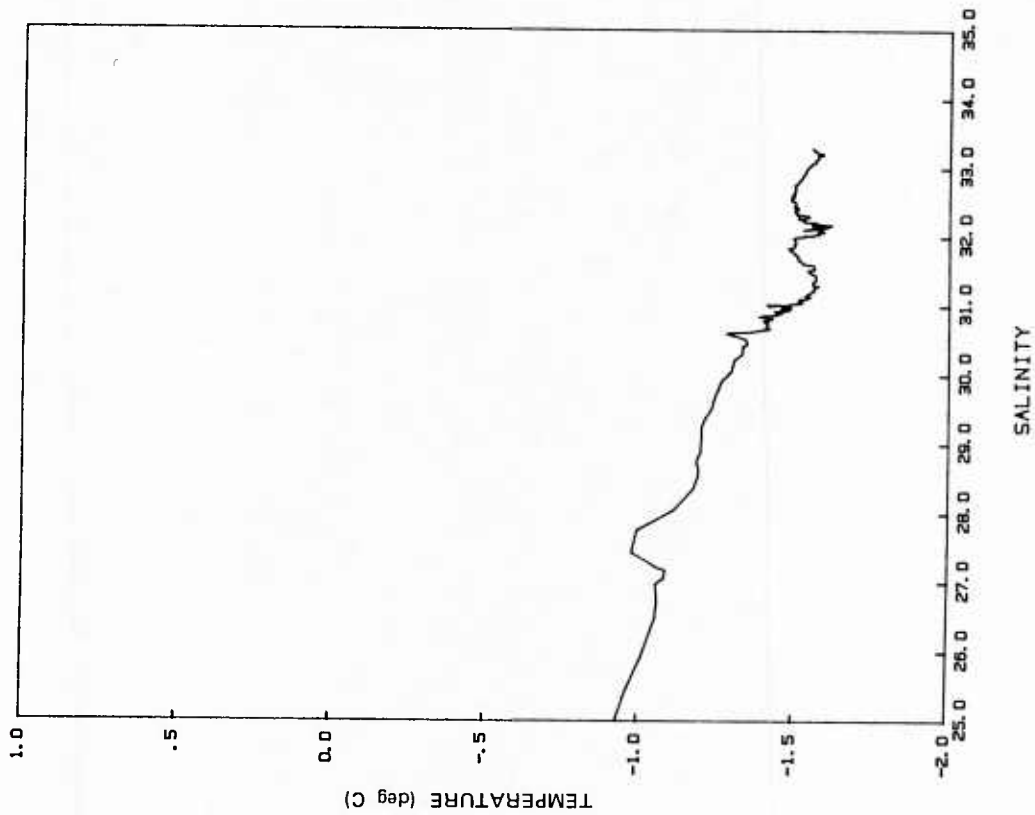
CAST # 13 DOWN  
 LAT 69 57.6 N  
 LON 138 34.6 W  
 DATE 08-22-1985  
 TIME 14:37:17  
 SENSOR METL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



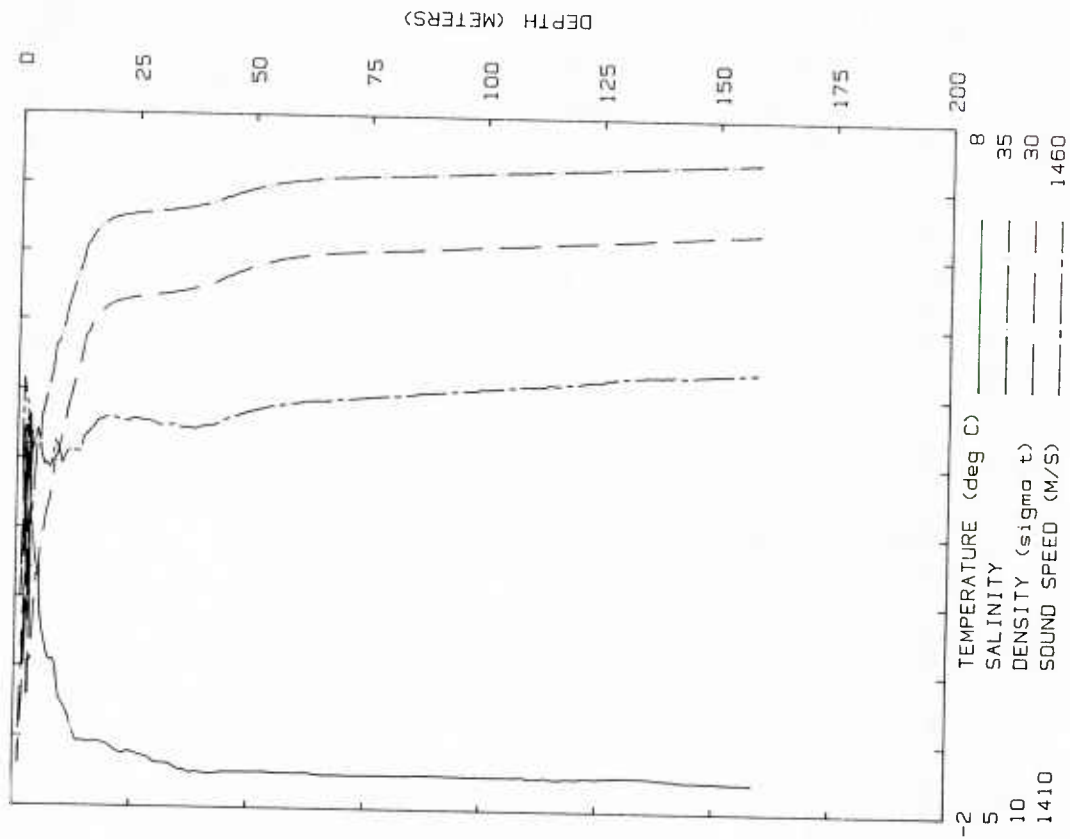
CAST# 13 DOWN  
 DATE: 85/08/22  
 TIME: 14:37:17  
 LAT: 69 57.6 N  
 LON: 138 34.6 W

# MIZPAC 85 TS CURVE



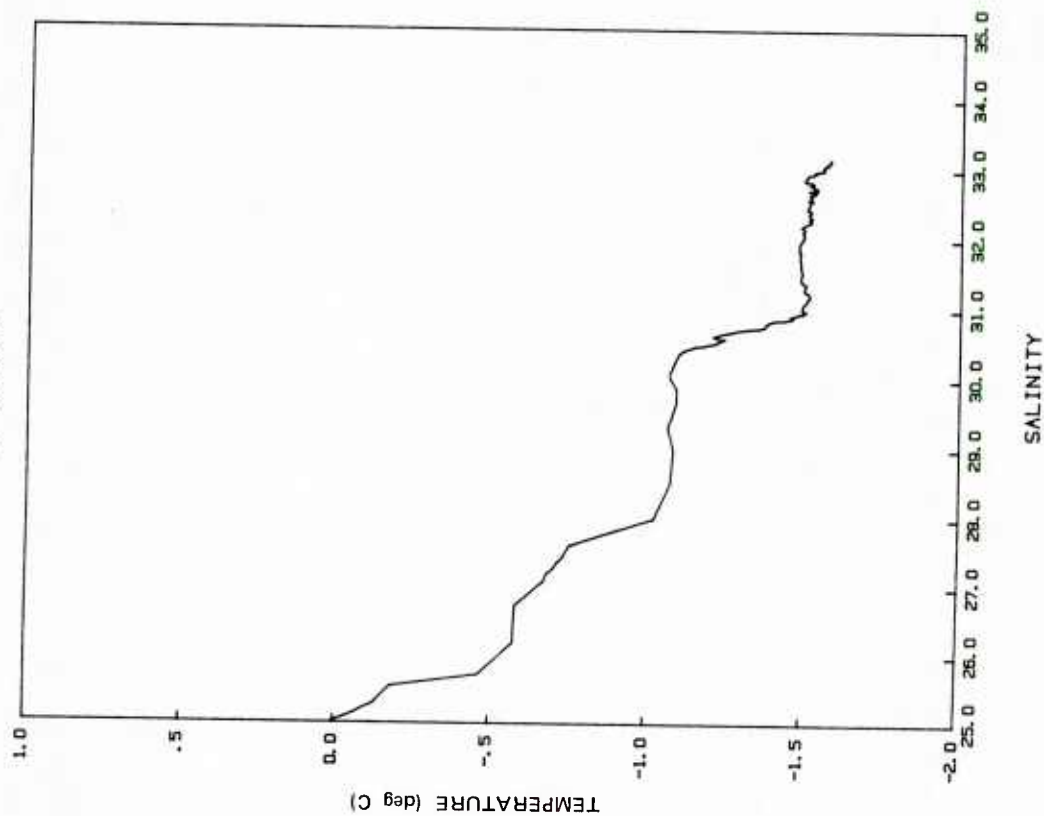
CAST # 14 DOWN  
 LAT 70 13.9 N  
 LON 140 04.6 W  
 DATE 08-22-1985  
 TIME 18:10:09  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



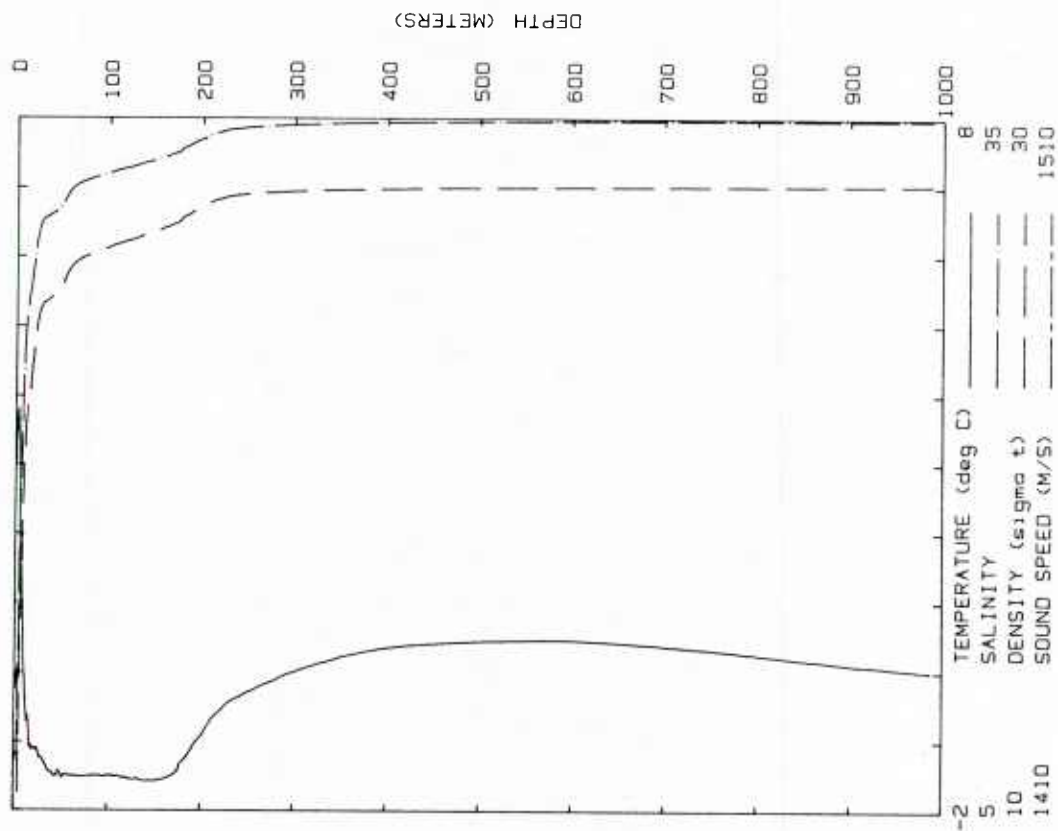
CAST# 14 DOWN  
 DATE 85/08/22  
 TIME 18:10:09  
 LAT 70 13.9 N  
 LON 140 04.6 W

# MIZPAC 85 TS CURVE



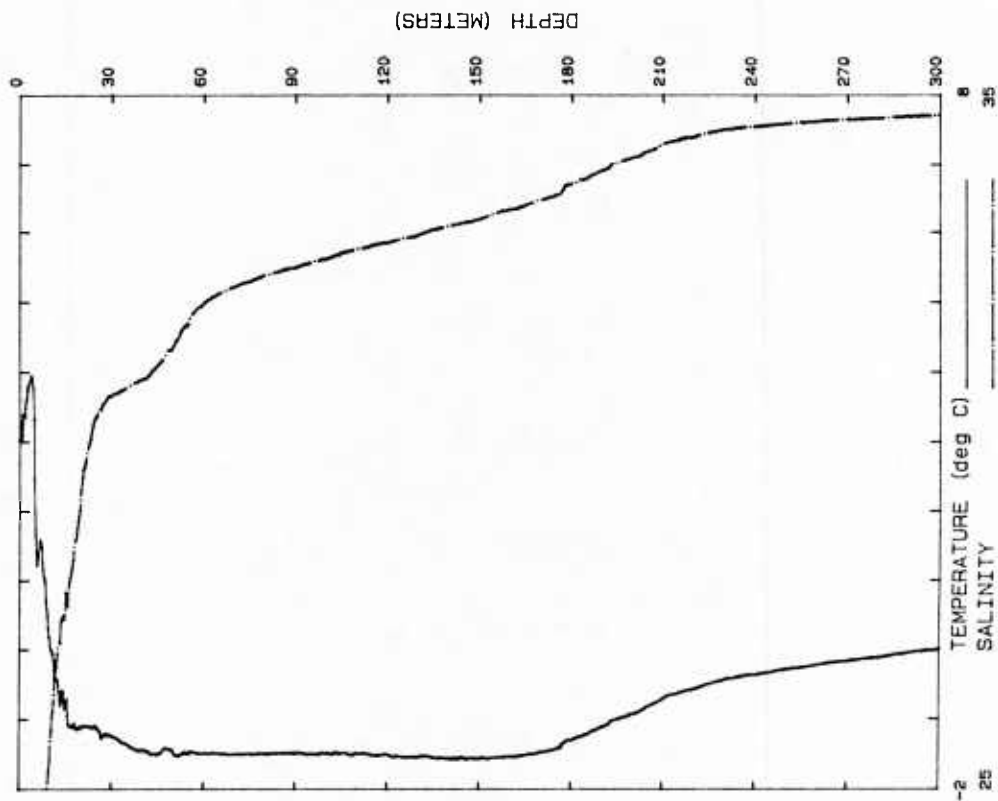
CAST # 15 DOWN  
 LAT 70 37.7 N  
 LON 139 56.0 W  
 DATE 08-22-1985  
 TIME 21:01:20  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2304-1

# MIZPAC 85 CTD PROFILE



CAST # 15 DOWN  
 DATE 08/08/22  
 TIME 21:01:20  
 LAT: 70 37.7 N  
 LON: 139 56.0 W

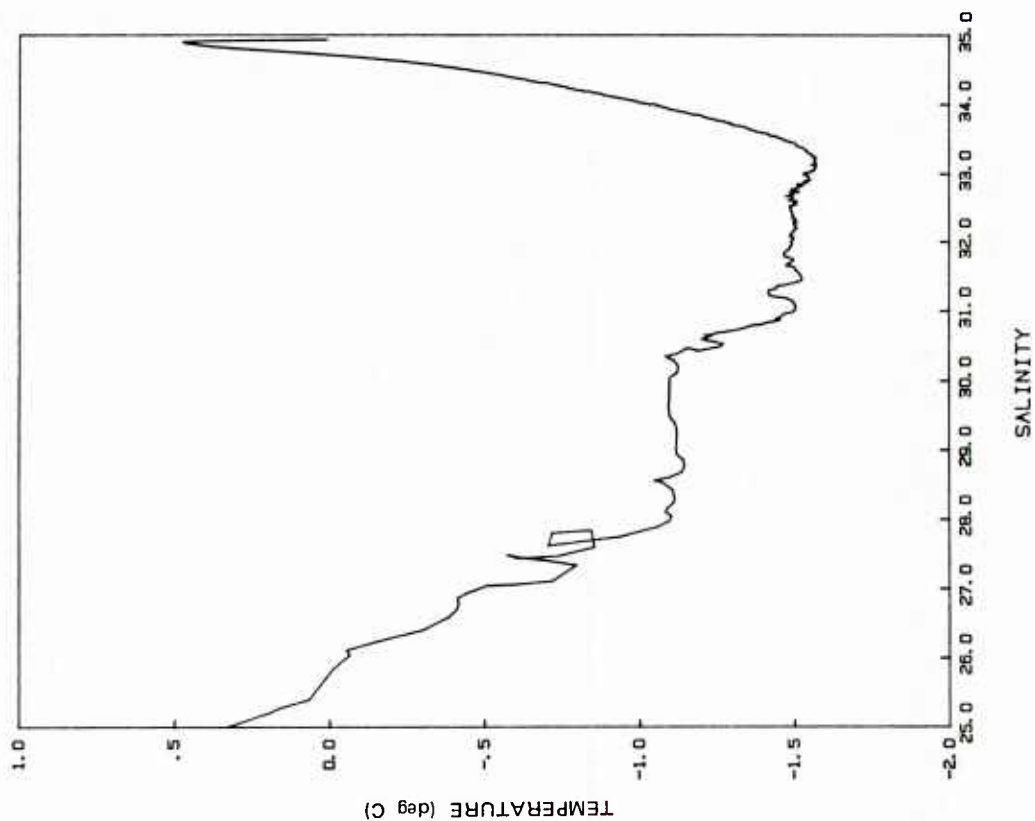
# MIZPAC 85 CTD PROFILE





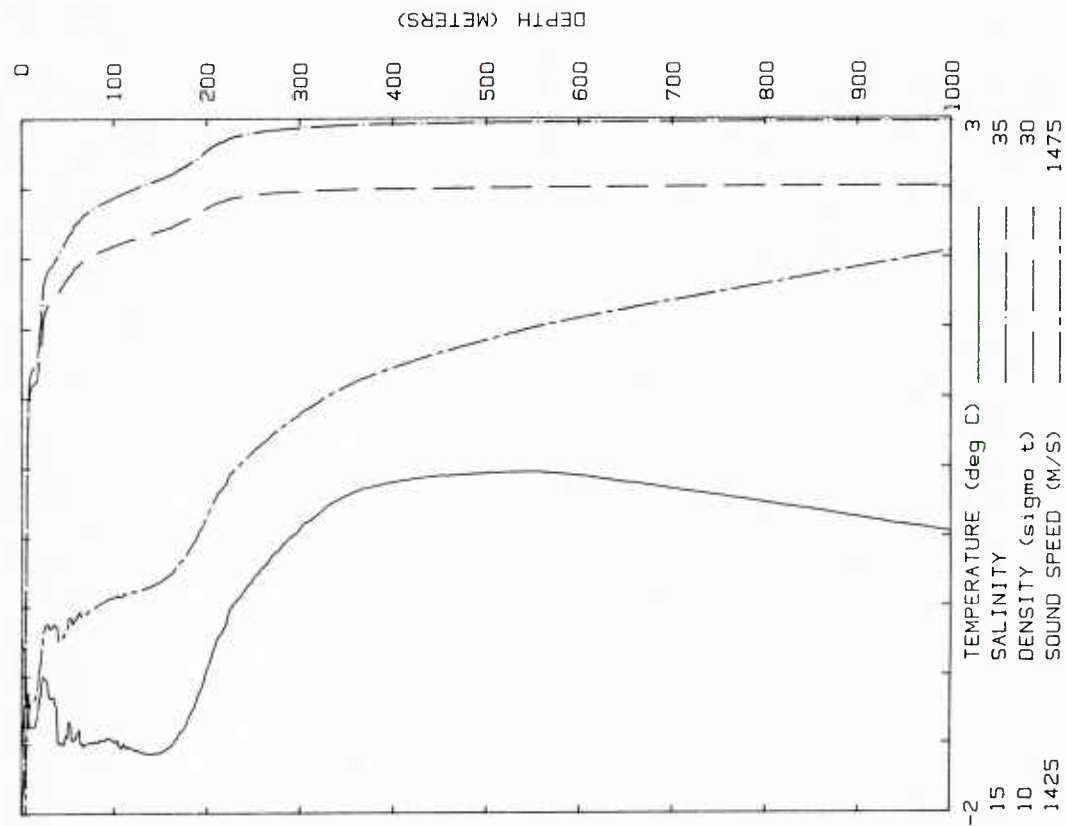
CAST# 15 DOWN  
 DATE: 85/08/22  
 TIME: 21:01:20  
 LAT: 70 37.7 N  
 LON: 138 58.0 W

# MIZPAC 85 TS CURVE



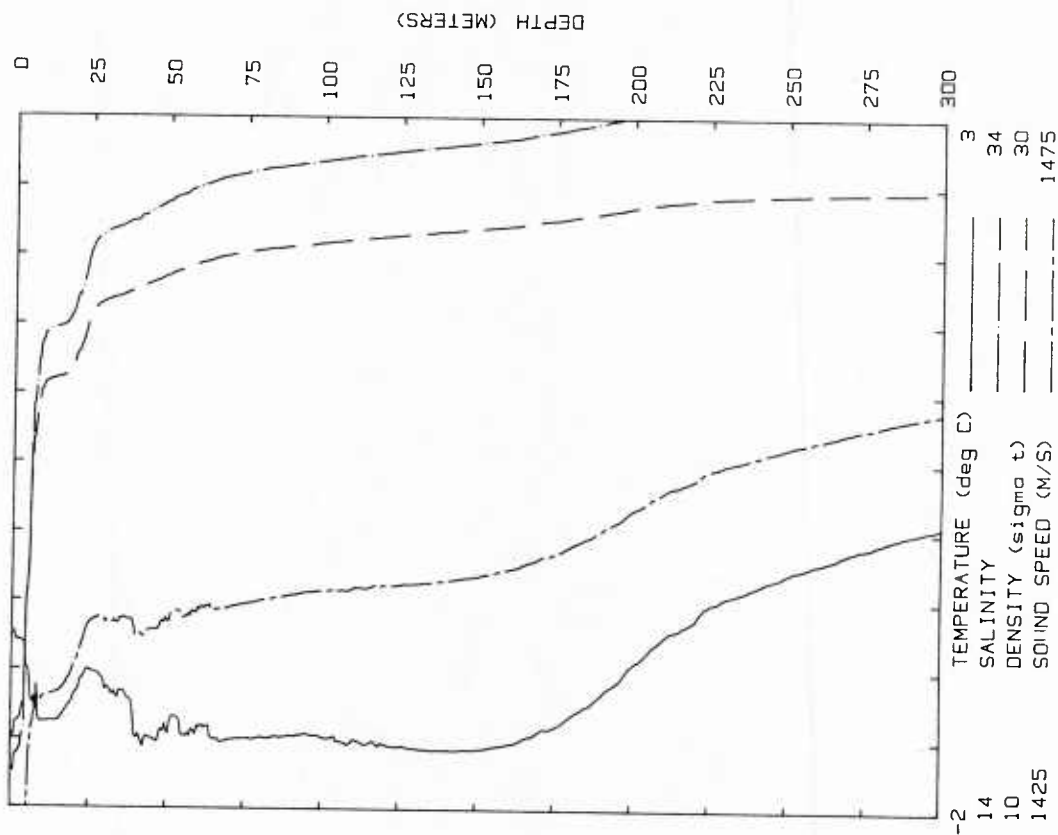
CAST # 16 DOWN  
 LAT 71 01.9 N  
 LON 140 00.8 W  
 DATE 08-23-1985  
 TIME 02:38:42  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



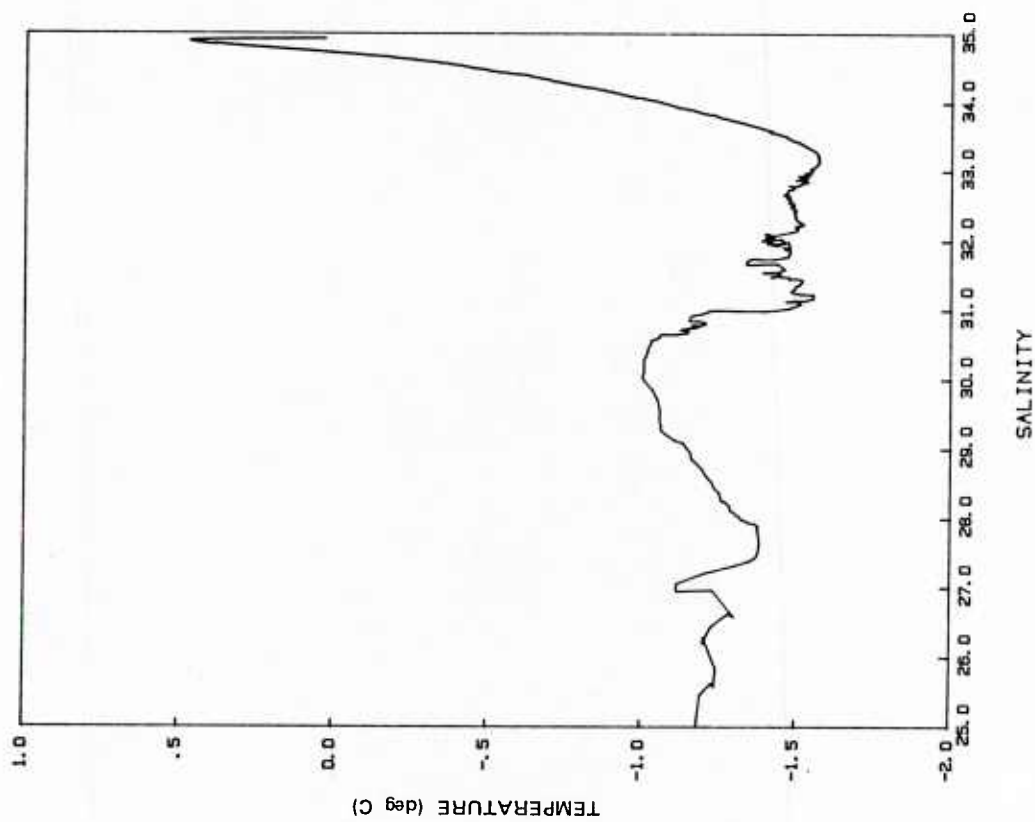
CAST # 16 DOWN  
 LAT 71 01.9 N  
 LON 140 00.8 W  
 DATE 08-23-1985  
 TIME 02:39:42  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



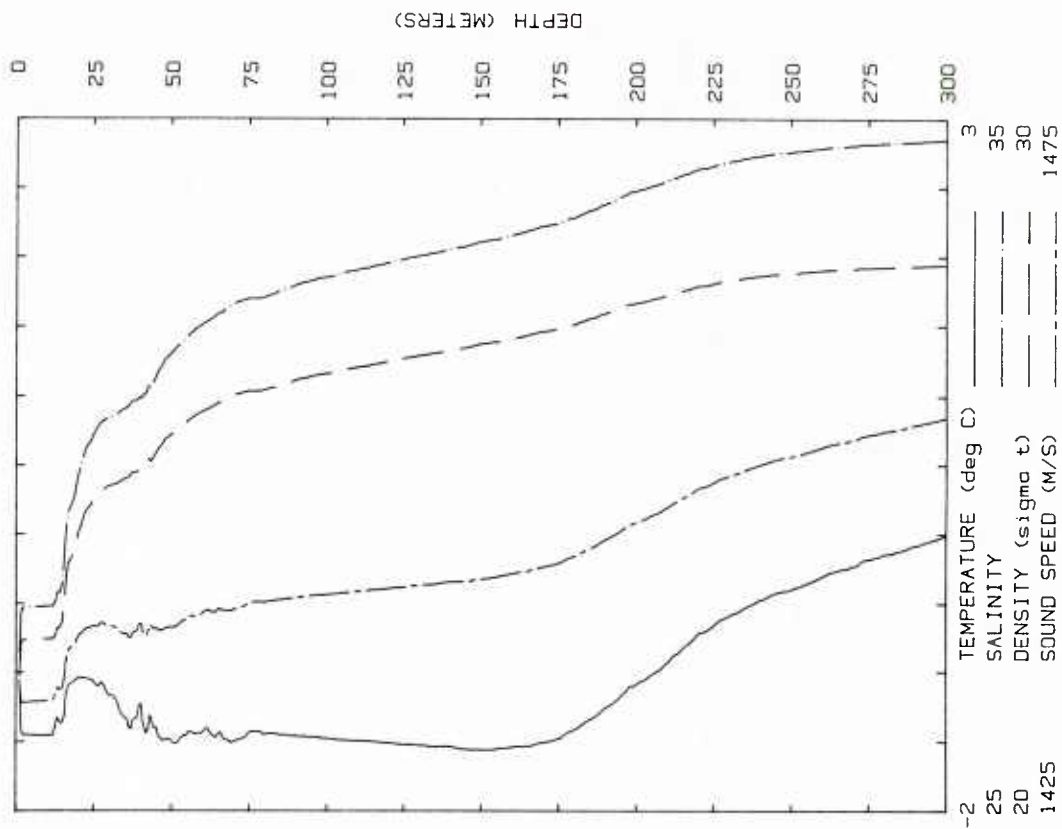
CAST# 16 DOWN  
 DATE: 85/08/23  
 TIME: 02:39:42  
 LAT: 71 01.9 N  
 LON: 140 00.8 W

# MIZPAC 85 TS CURVE



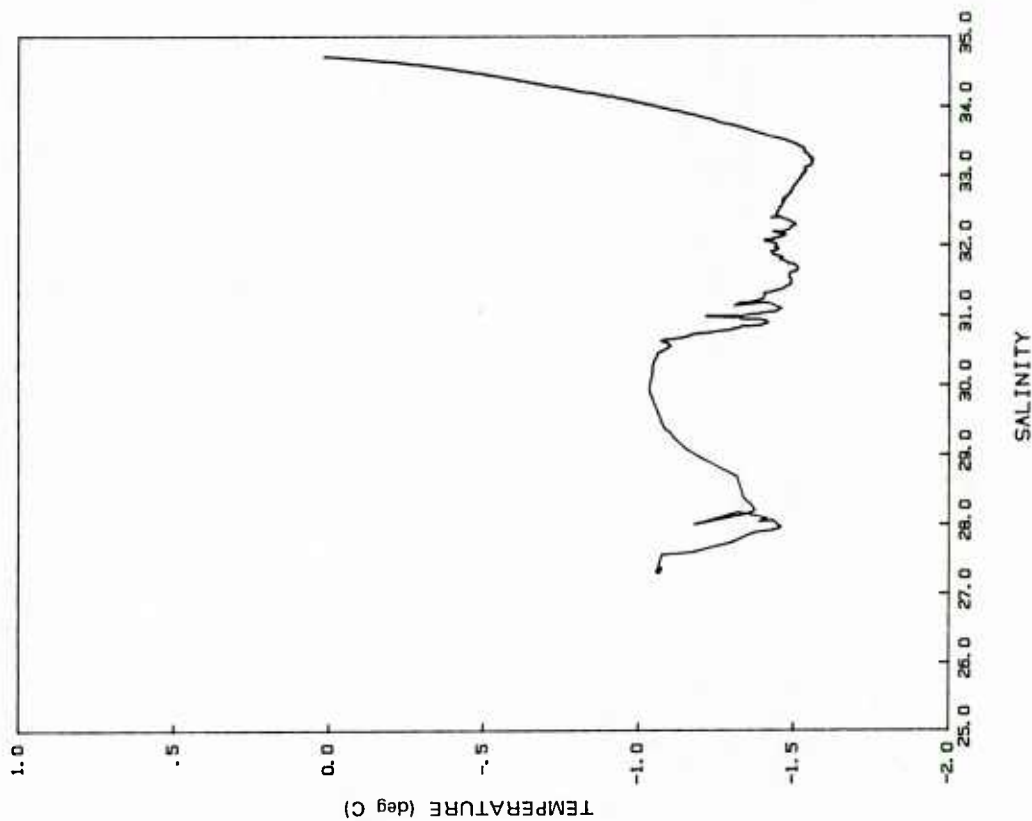
CAST # 17 DOWN  
 LAT 71 17.0 N  
 LON 140 12.0 W  
 DATE 08-23-1985  
 TIME 17:23:02  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



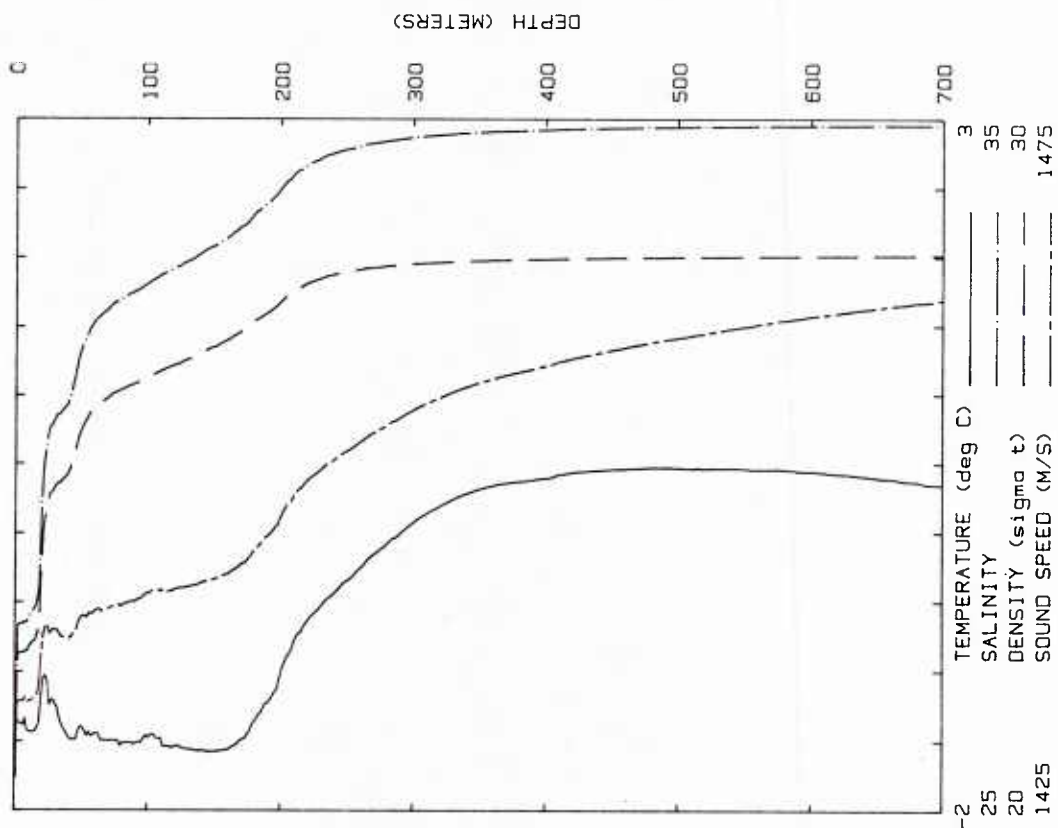
CAST# 17 DOWN  
 DATE 85/08/23  
 TIME 17:23:02  
 LAT: 71 17.0 N  
 LON: 140 12.0 W

# MIZPAC 85 TS CURVE



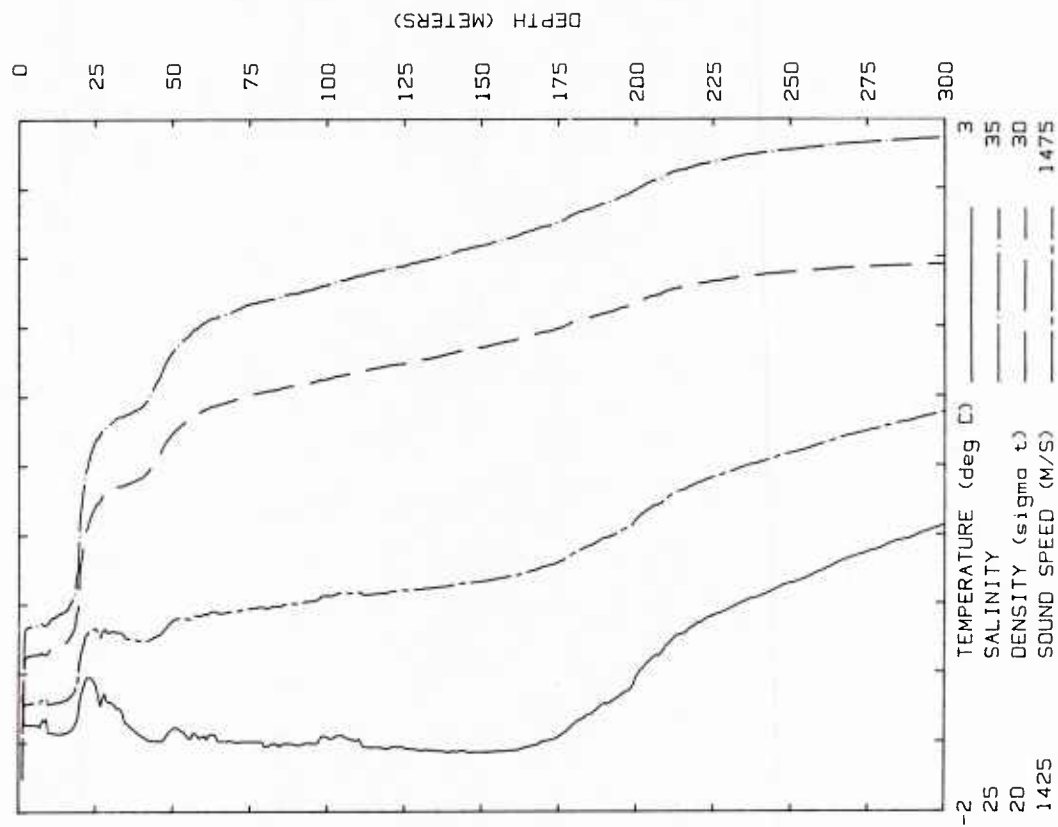
CAST # 18 DOWN  
LAT 71 09.0 N  
LON 141 24.6 W  
DATE 08-24-1985  
TIME 04:37:08  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



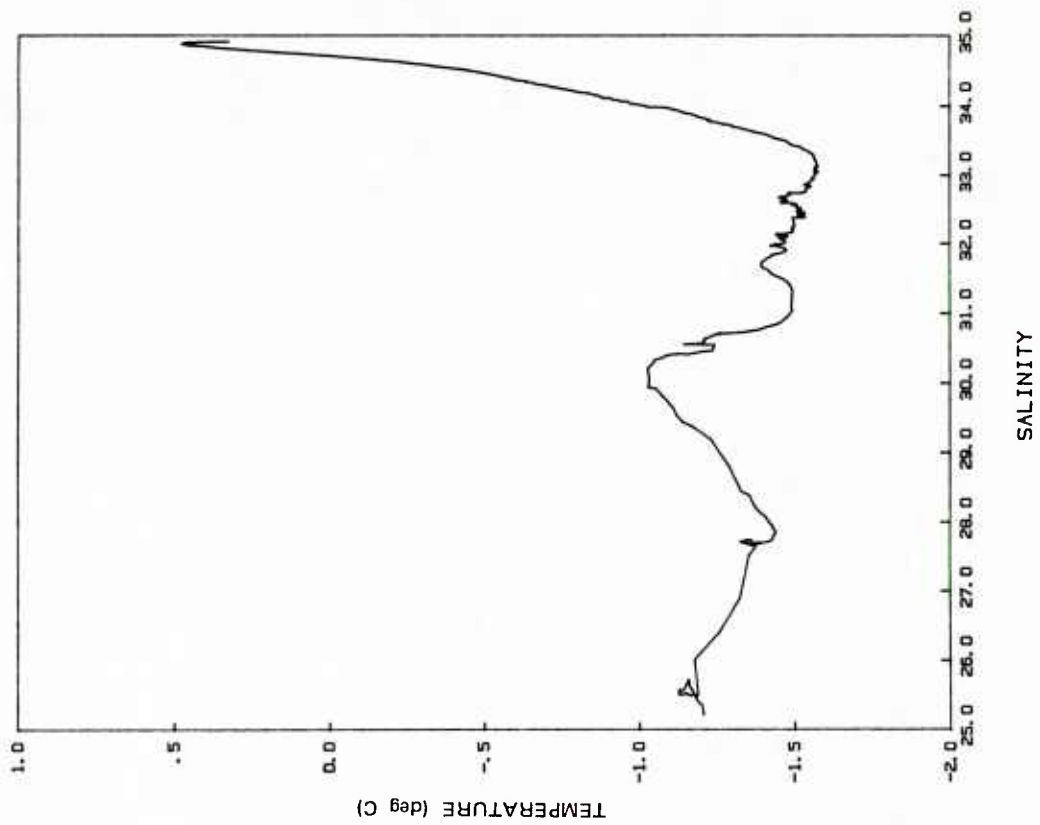
CAST # 18 DOWN  
LAT 71 09.0 N  
LON 141 24.6 W  
DATE 08-24-1985  
TIME 04:37:08  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



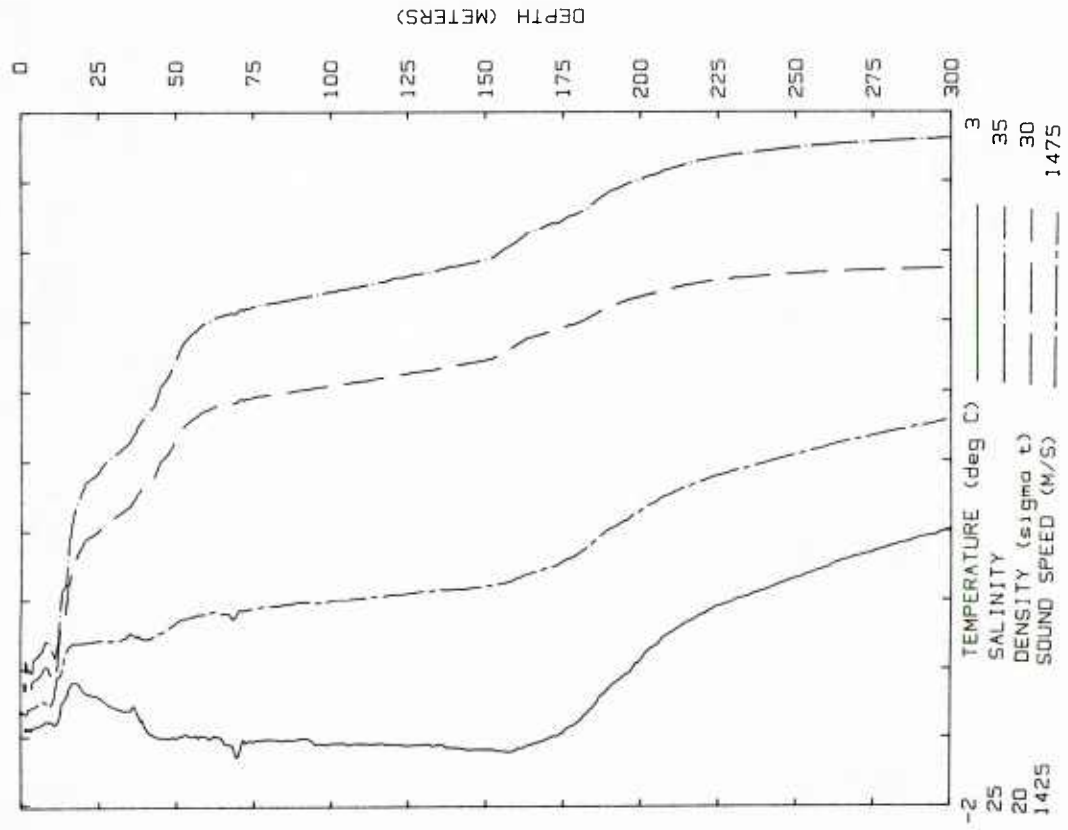
CAST# 18 DOWN  
 DATE: 85/08/24  
 TIME: 04:37:08  
 LAT: 71.09.0 N  
 LON: 141.24.6 W

# MIZPAC 85 TS CURVE



CAST # 19 DOWN  
 LAT 71.01.2 N  
 LON 142.36.4 W  
 DATE 08-24-1985  
 TIME 12:41:34  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

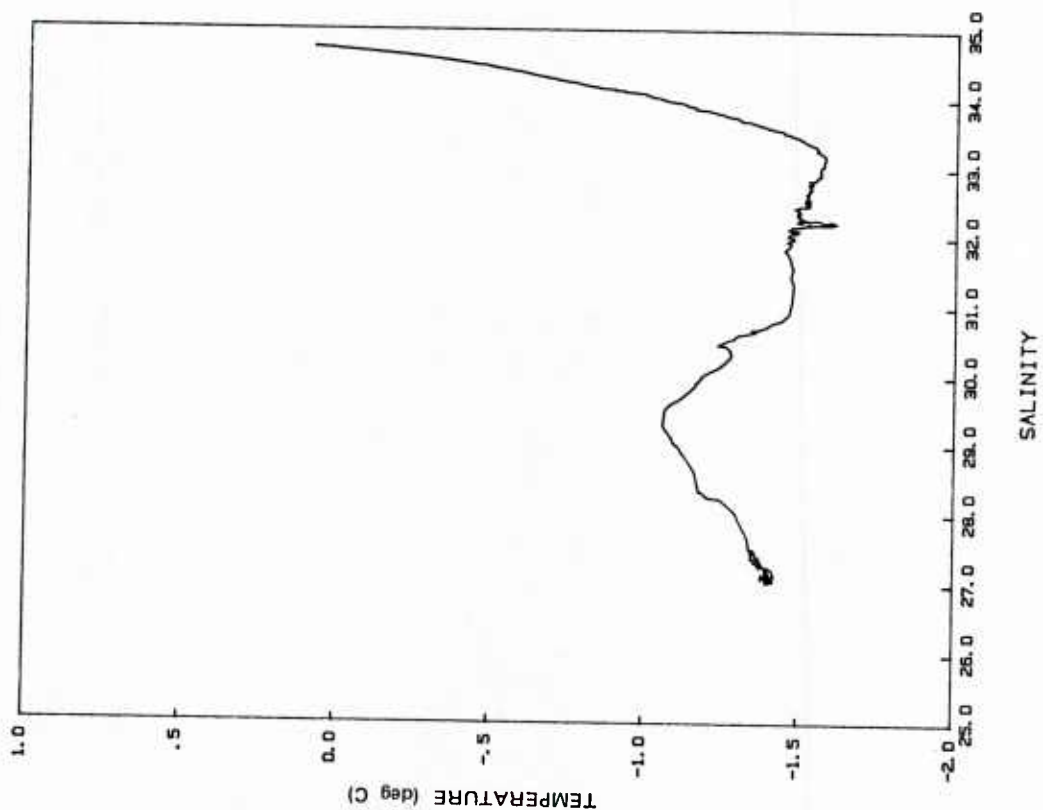
# MIZPAC 85 CTD PROFILE





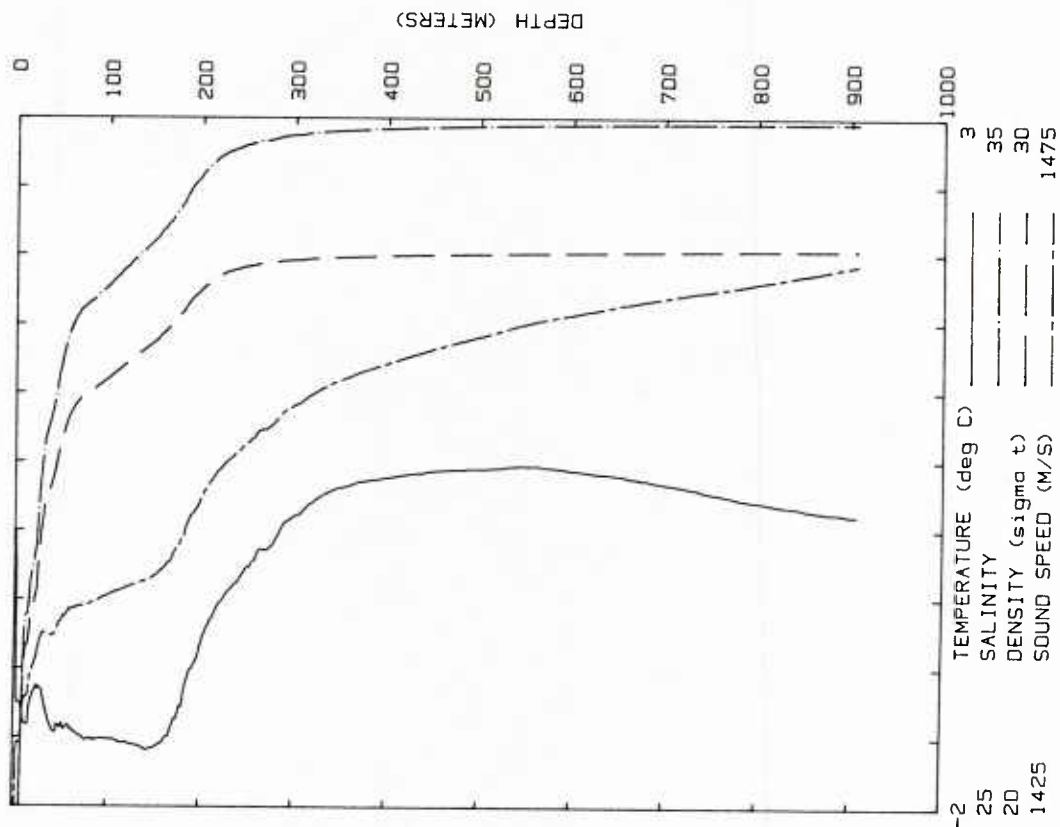
CAST# 18 DOWN  
 DATE: 85/08/24  
 TIME: 12:41.24  
 LAT: 71 01.2 N  
 LON: 142 26.4 W

# MIZPAC 85 TS CURVE



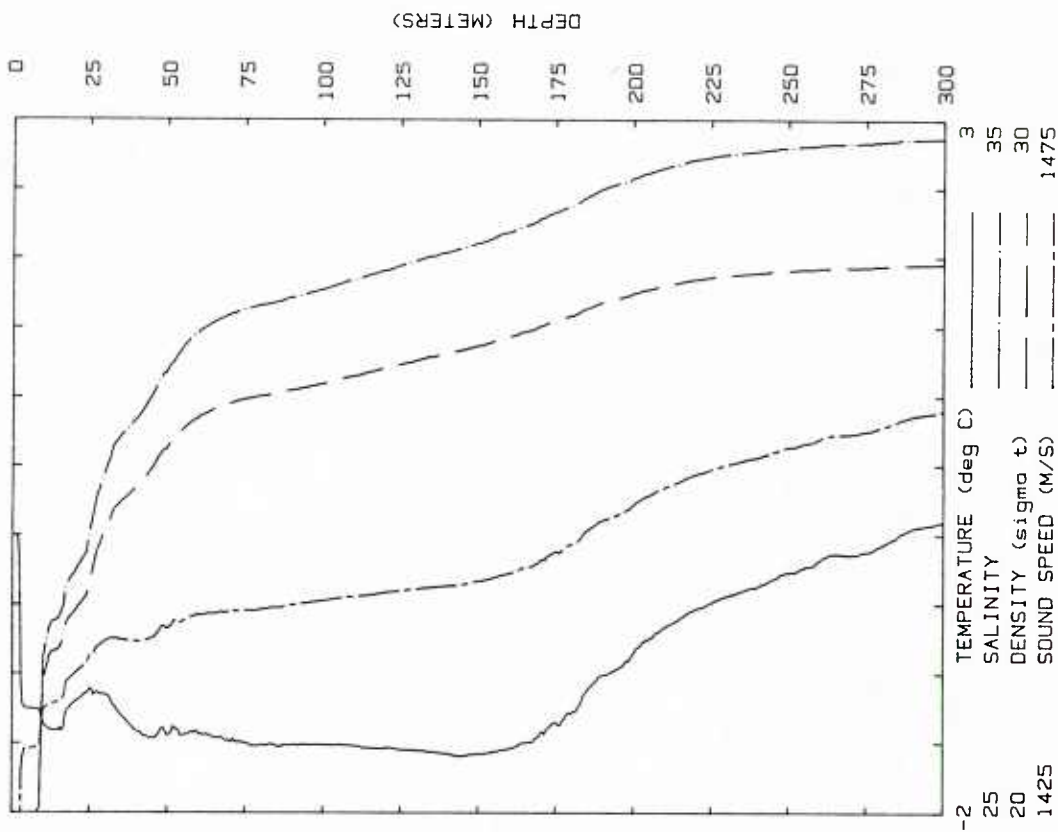
CAST # 20 DOWN  
 LAT 70 54.8 N  
 LON 143 35.1  
 DATE 08-24-1985  
 TIME 23:20:33  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



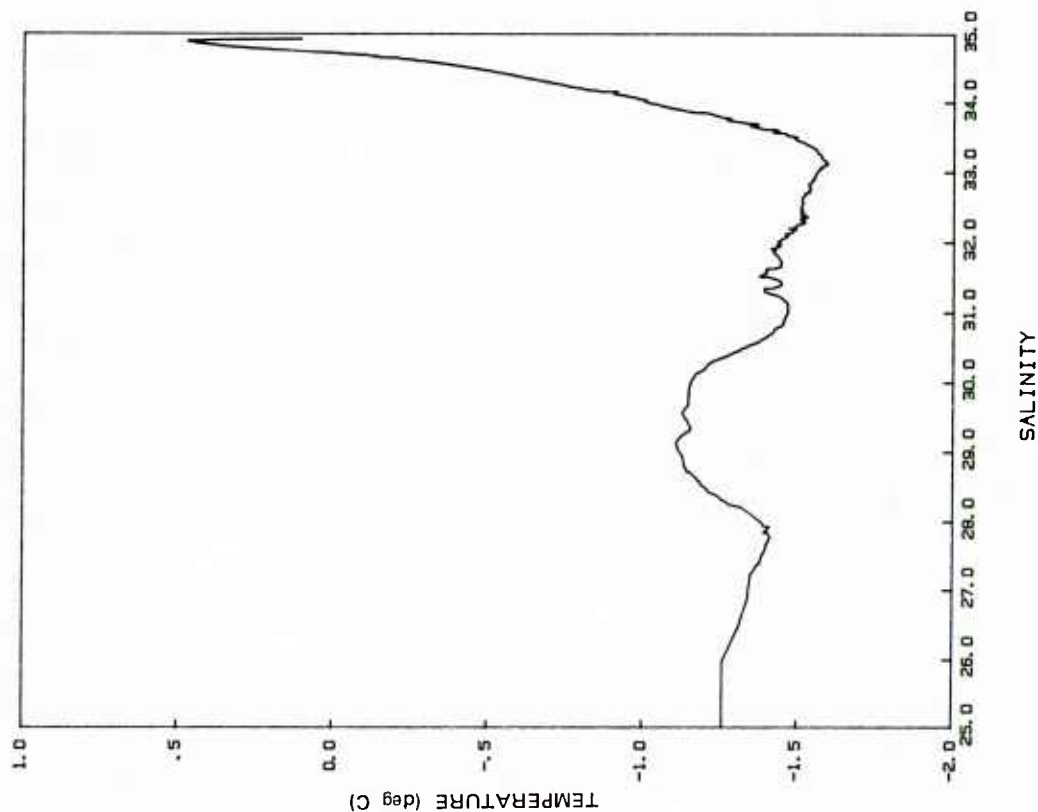
CAST # 20 DOWN  
 LAT 70 54.8 N  
 LONG 143 35.1  
 DATE 08-24-1985  
 TIME 23:20:33  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



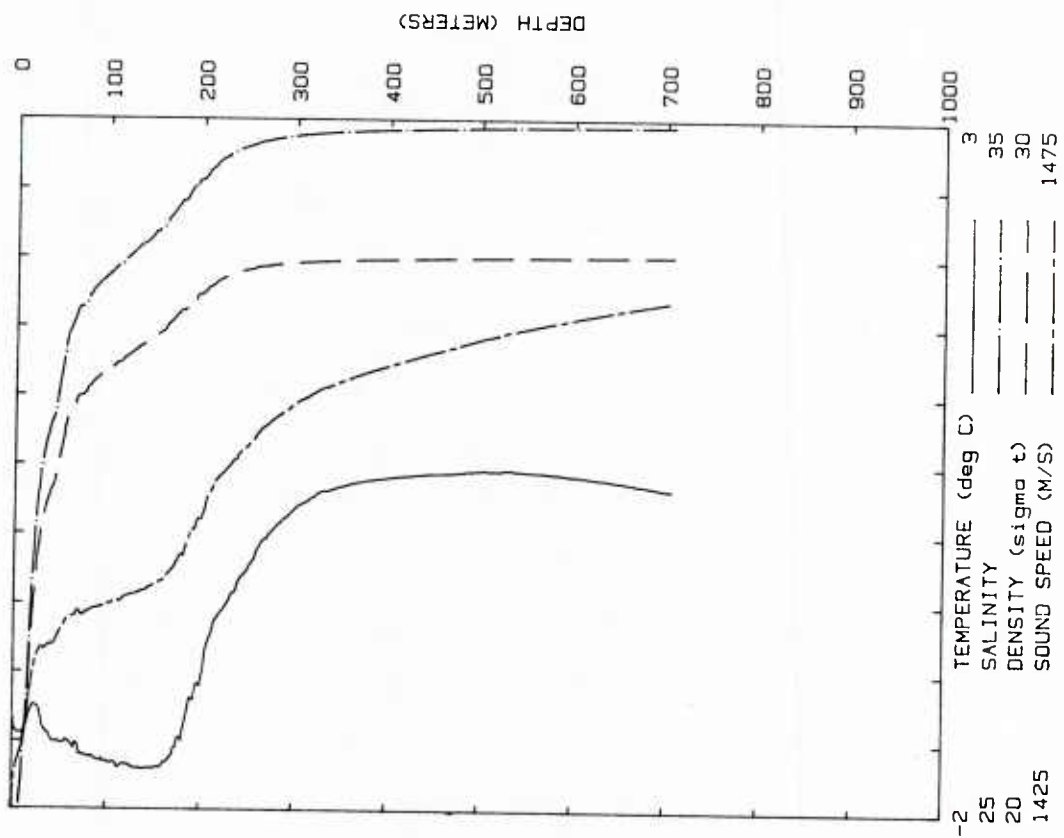
CAST# 20 DOWN  
 DATE 85/08/24  
 TIME 23:20:33  
 LAT, 70 54.8 N  
 LONG 143 35.1

# MIZPAC 85 TS CURVE



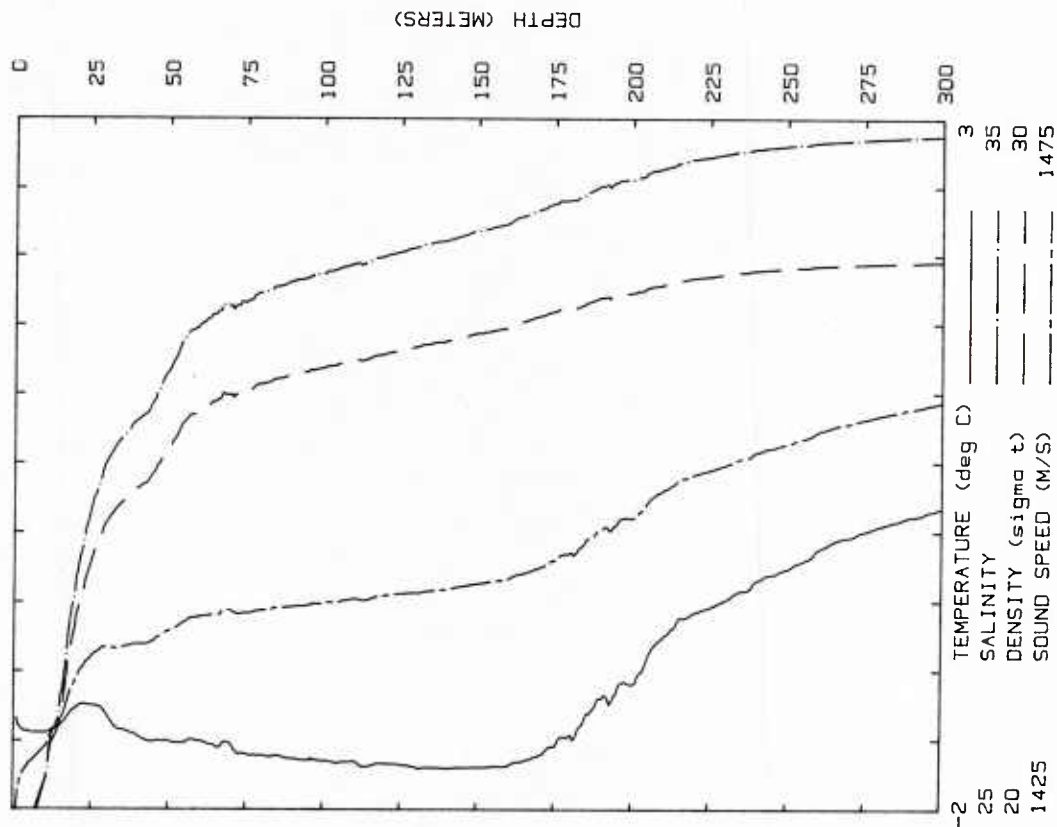
CAST # 21 DOWN  
 LAT 71 08.8 N  
 LON 145 22.1 W  
 DATE 08-25-1985  
 TIME 18:29.10  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



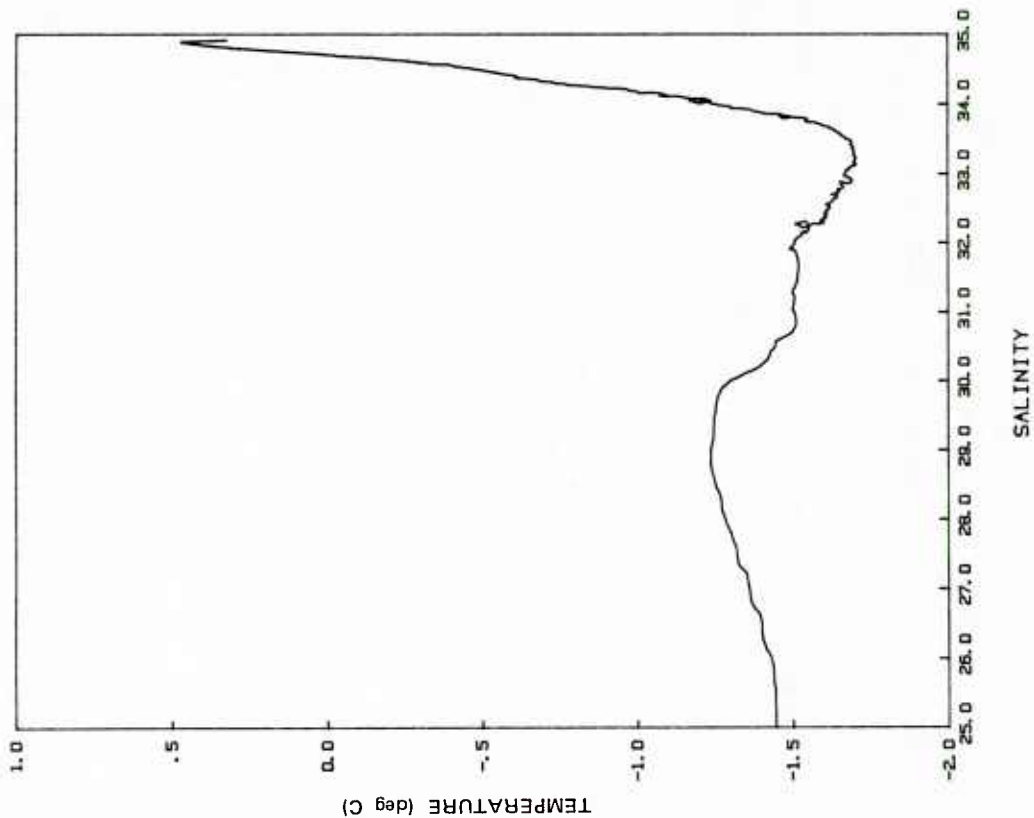
CAST # 21 DOWN  
 LAT 71 08.8 N  
 LON 145 22.1 W  
 DATE 08-25-1985  
 TIME 18:29.10  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



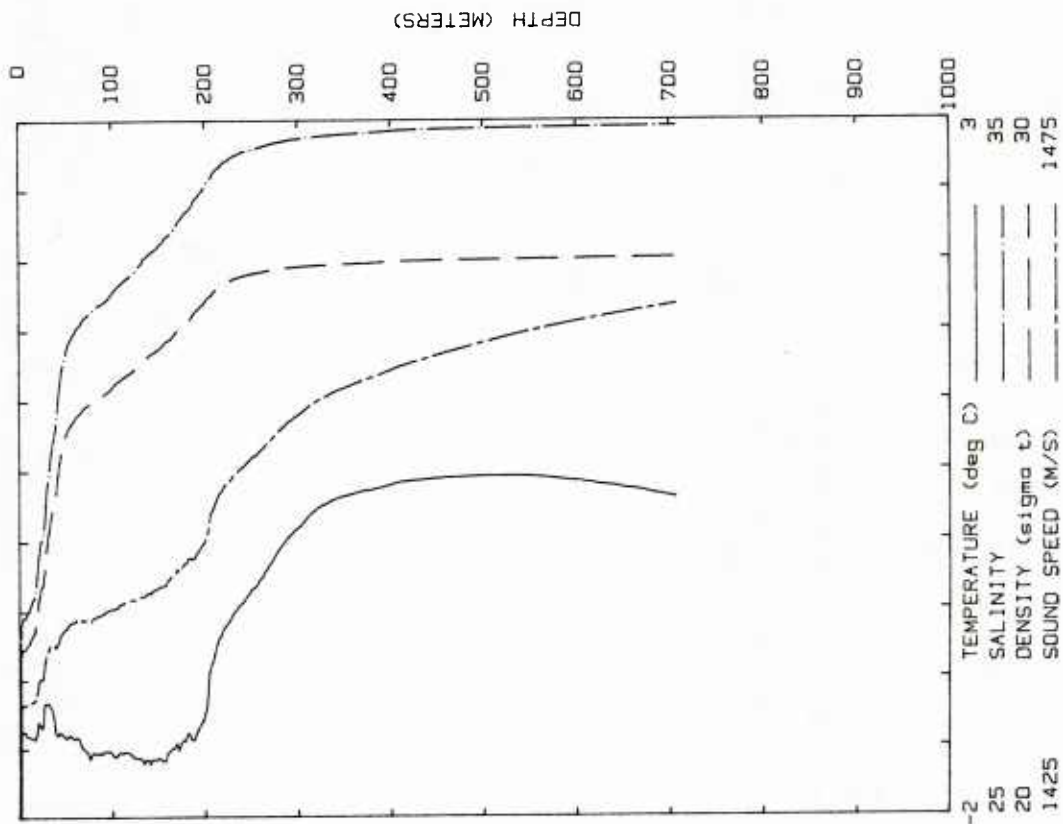
CAST# 21 DOWN  
 DATE: 85/08/25  
 TIME: 18:29:10  
 LAT: 71 08.8 N  
 LON: 145 22.1 W

# MIZPAC 85 TS CURVE



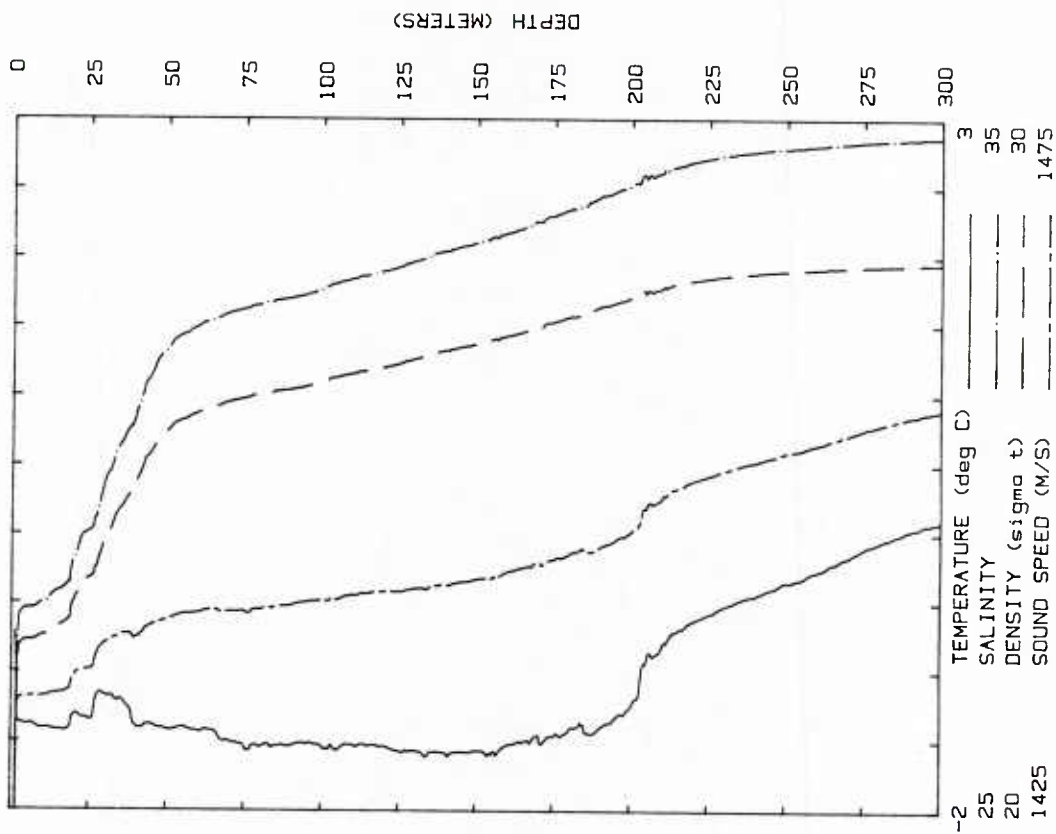
CAST # 22 DOWN  
 LAT 71 08.1 N  
 LON 146 29.8 W  
 DATE 08-26-1985  
 TIME 04:25:26  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



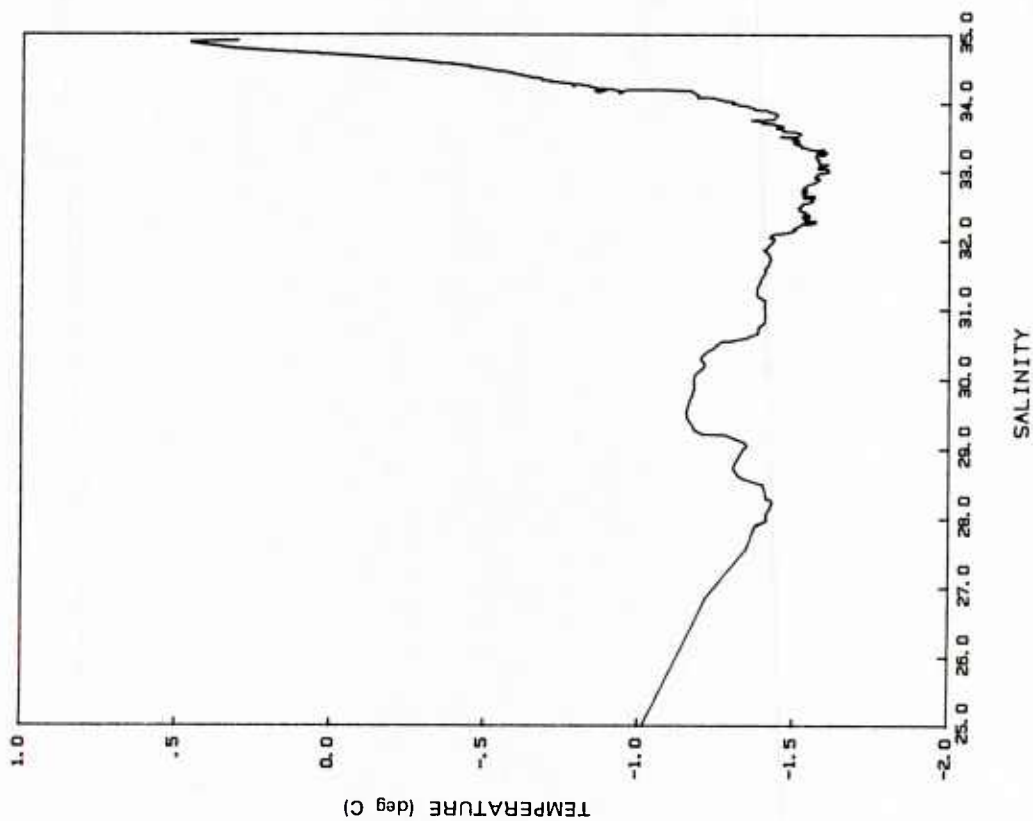
CAST # 22 DOWN  
 LAT 71 08.1 N  
 LDN 146 29.8 W  
 DATE 08-26-1985  
 TIME 04:25:26  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



CAST# 22 DOWN  
 DATE, 85/08/26  
 TIME, 04:25:26  
 LAT, 71 08.1 N  
 LDN, 146 29.8 W

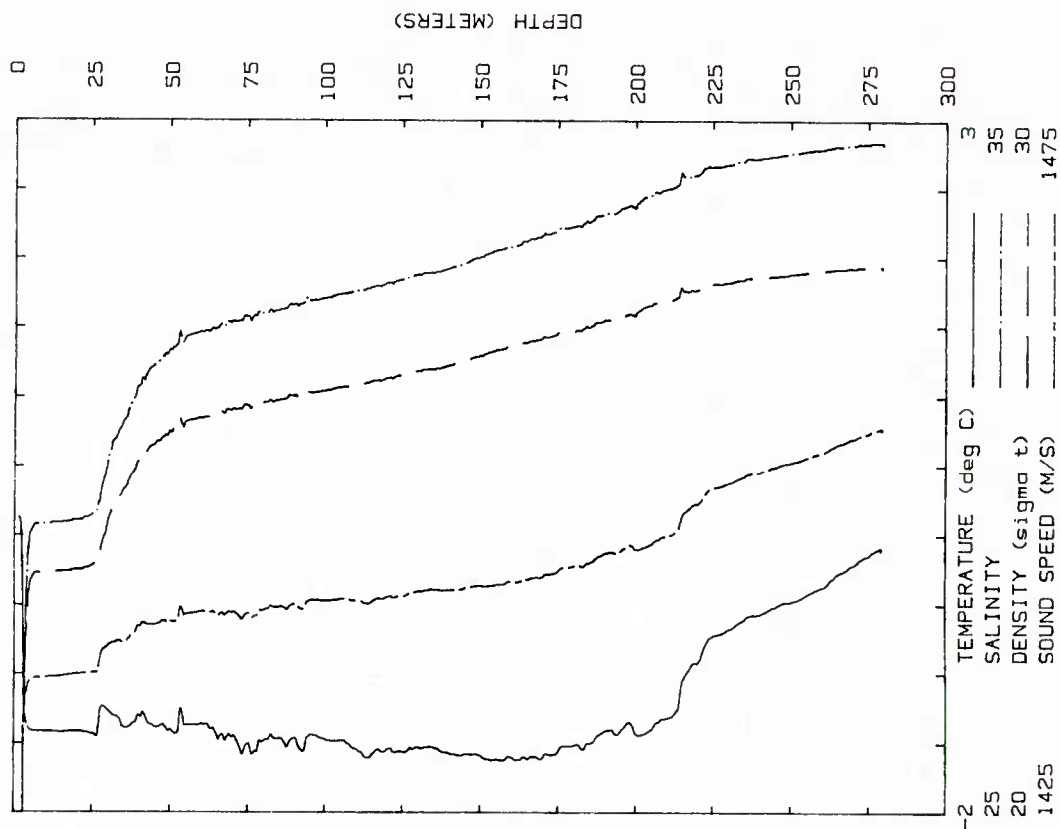
# MIZPAC 85 TS CURVE





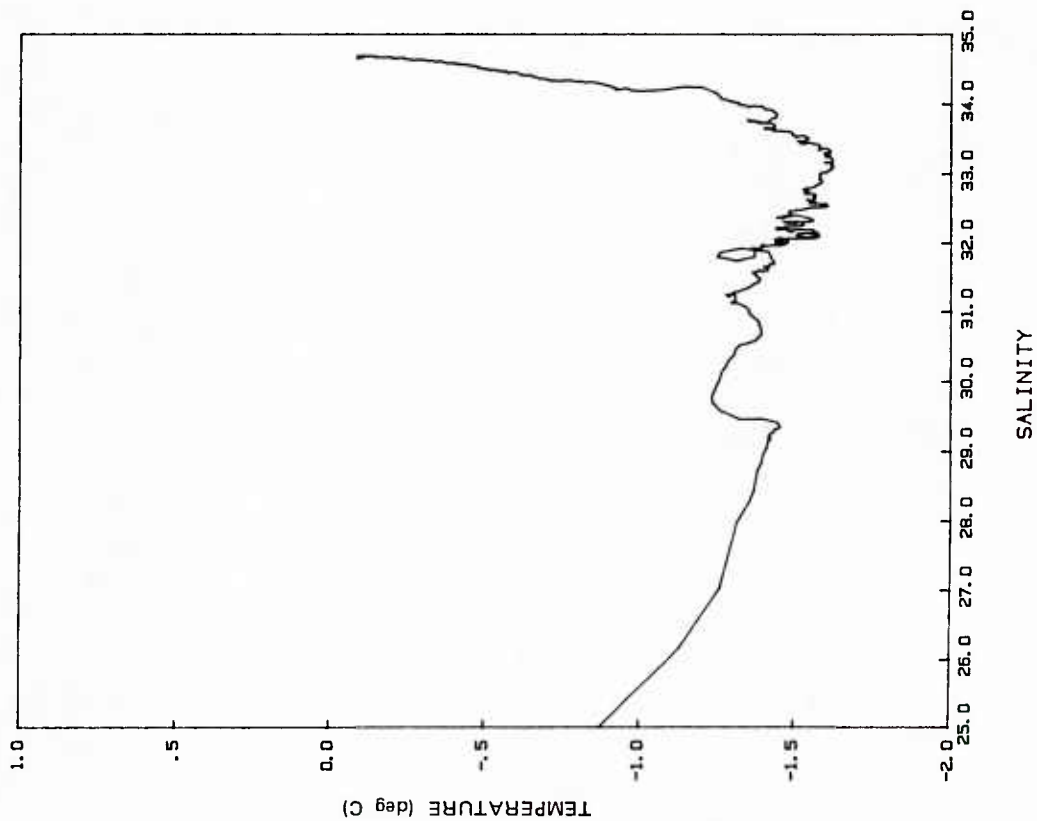
CAST # 23 DOWN  
 LAT 71 15.5 N  
 LON 149 06.7 W  
 DATE 08-28-1985  
 TIME 05:08:55  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



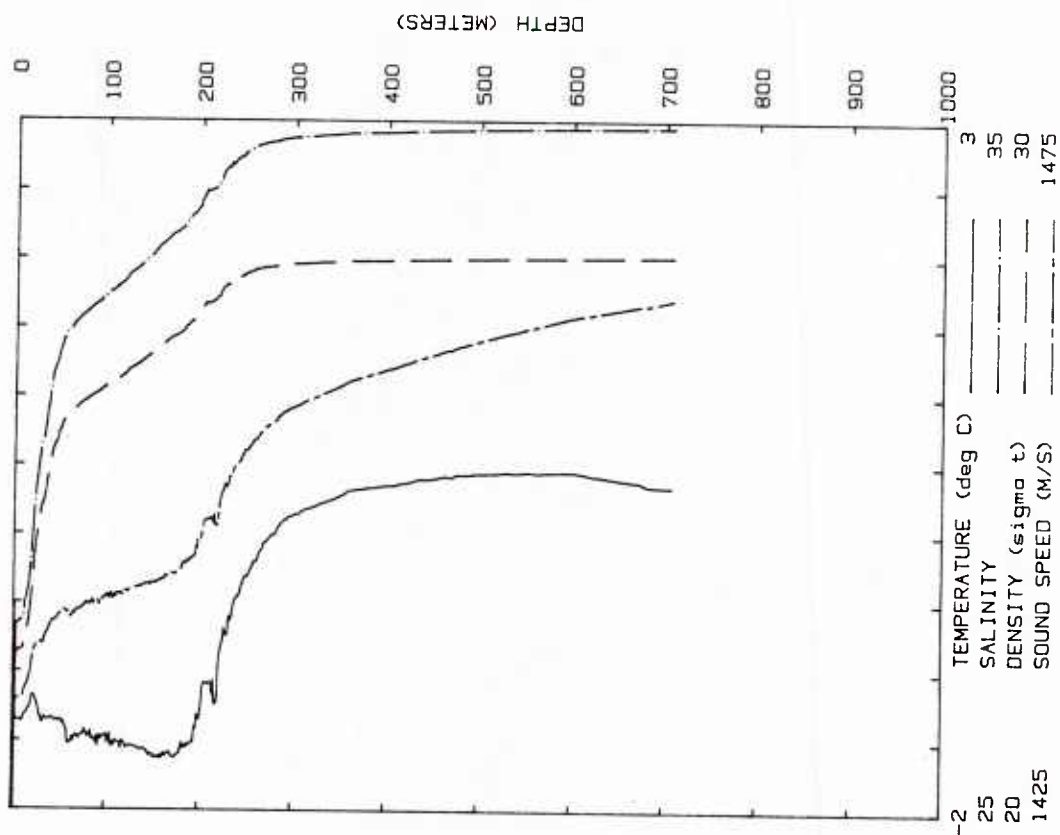
CAST# 23 DOWN  
 DATE 85/08/28  
 TIME 05:08:55  
 LAT 71 15.5 N  
 LON 149 06.7 W

# MIZPAC 85 TS CURVE



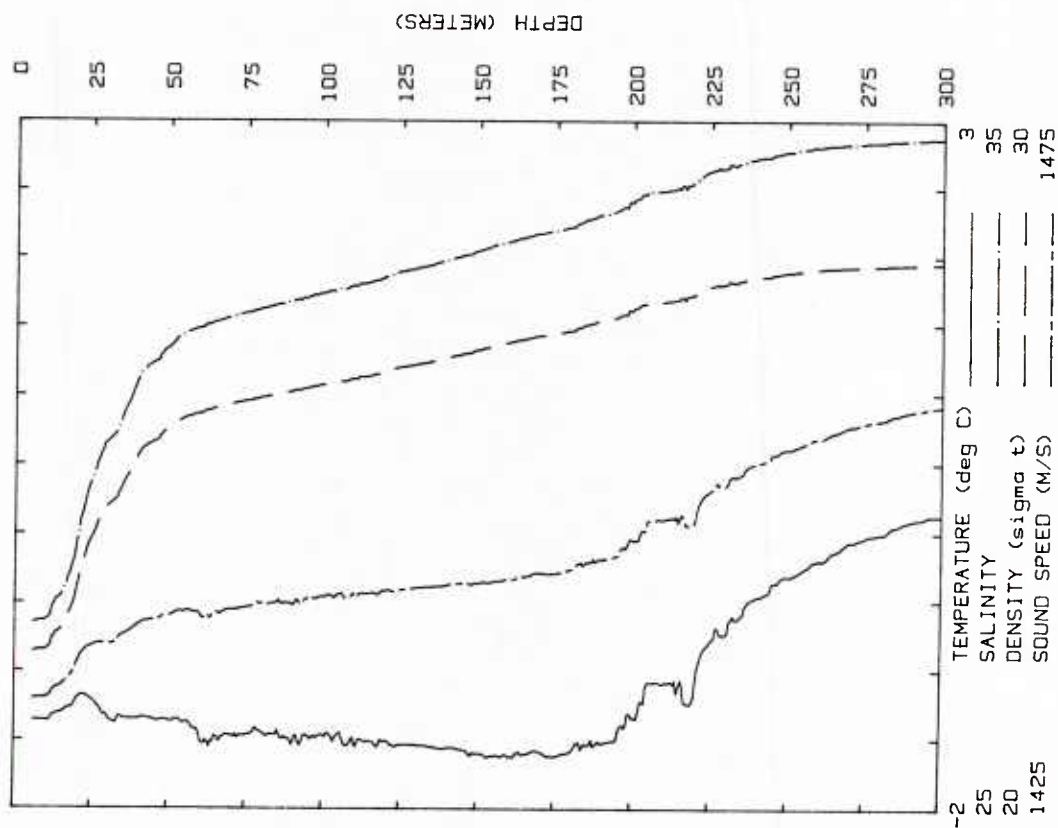
CAST # 24 DOWN  
LAT 71 18.6 N  
LON 149 56.1 W  
DATE 08-28-1985  
TIME 10:01:09  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



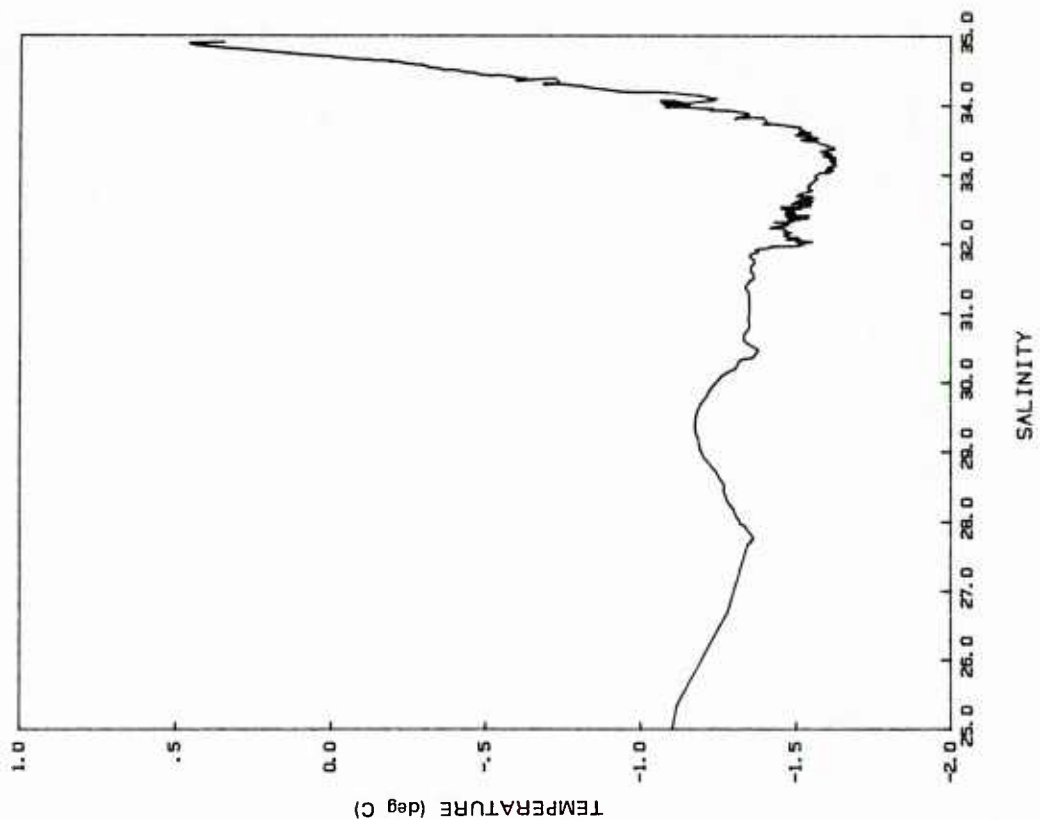
CAST # 24 DOWN  
LAT 71 18.6 N  
LON 149 56.1 W  
DATE 08-28-1985  
TIME 10:01:09  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



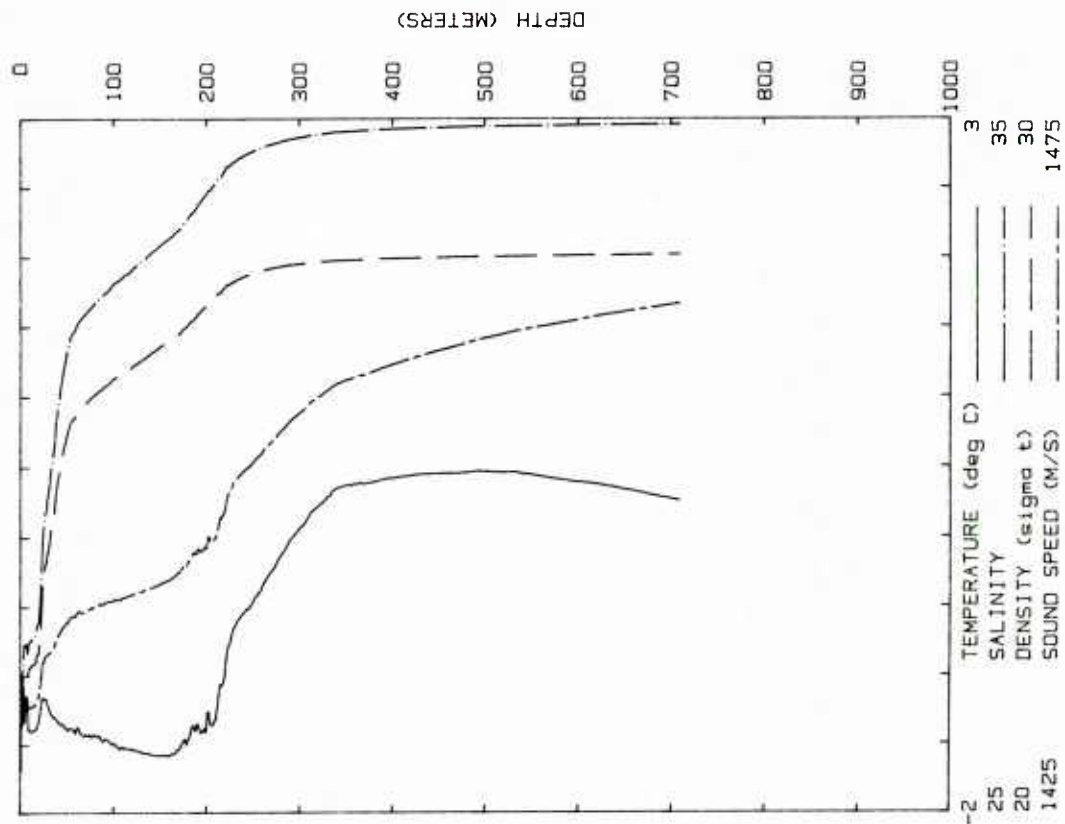
CAST# 24 DOWN  
 DATE 85/08/28  
 TIME 10:01:08  
 LAT 71.18.6 N  
 LON 149 50.1 W

MIZPAC 85  
 TS CURVE



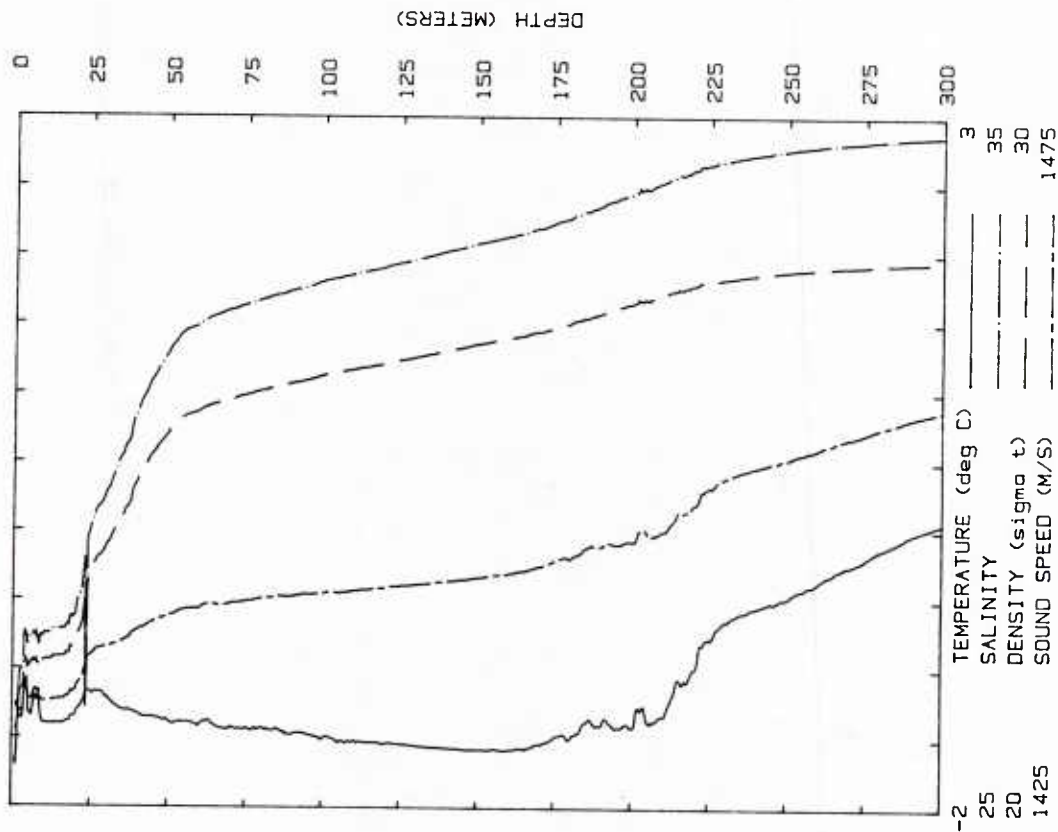
CAST # 25 DOWN  
 LAT 71.42.9 N  
 LON 150 02.4 W  
 DATE 08-28-1985  
 TIME 18:03:20  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

MIZPAC 85  
 CTD PROFILE



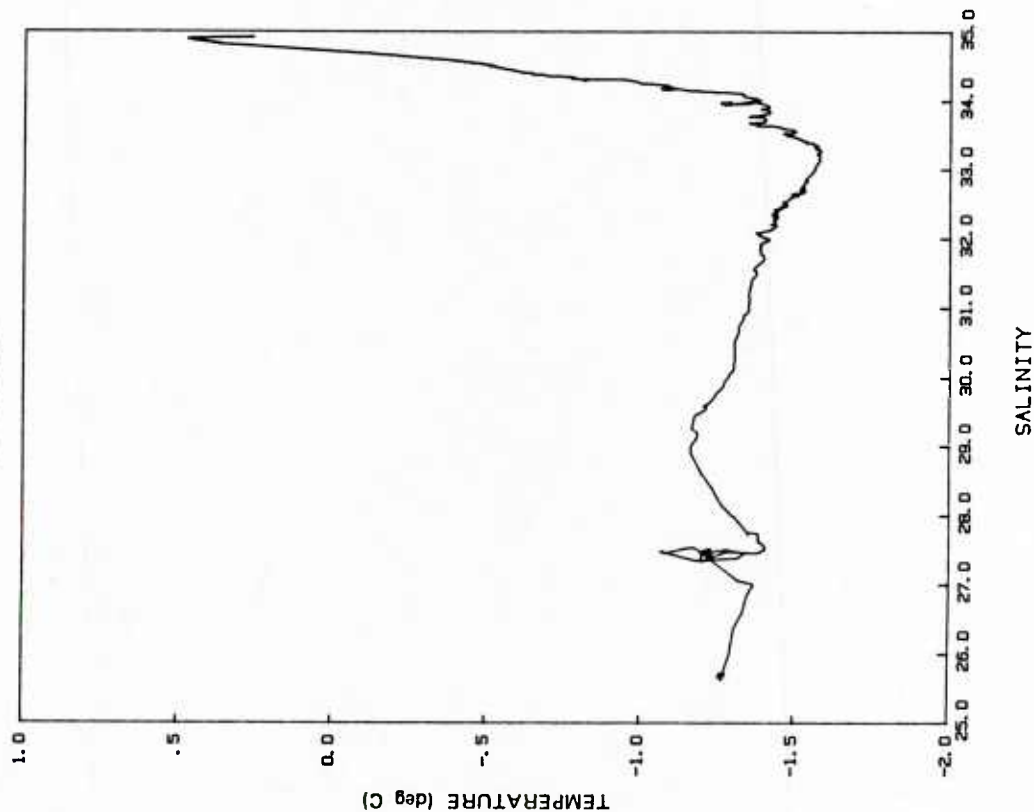
CAST # 25 DOWN  
 LAT 71 42.9 N  
 LON 150 02.4 W  
 DATE 08-28-1985  
 TIME 18 03 26  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



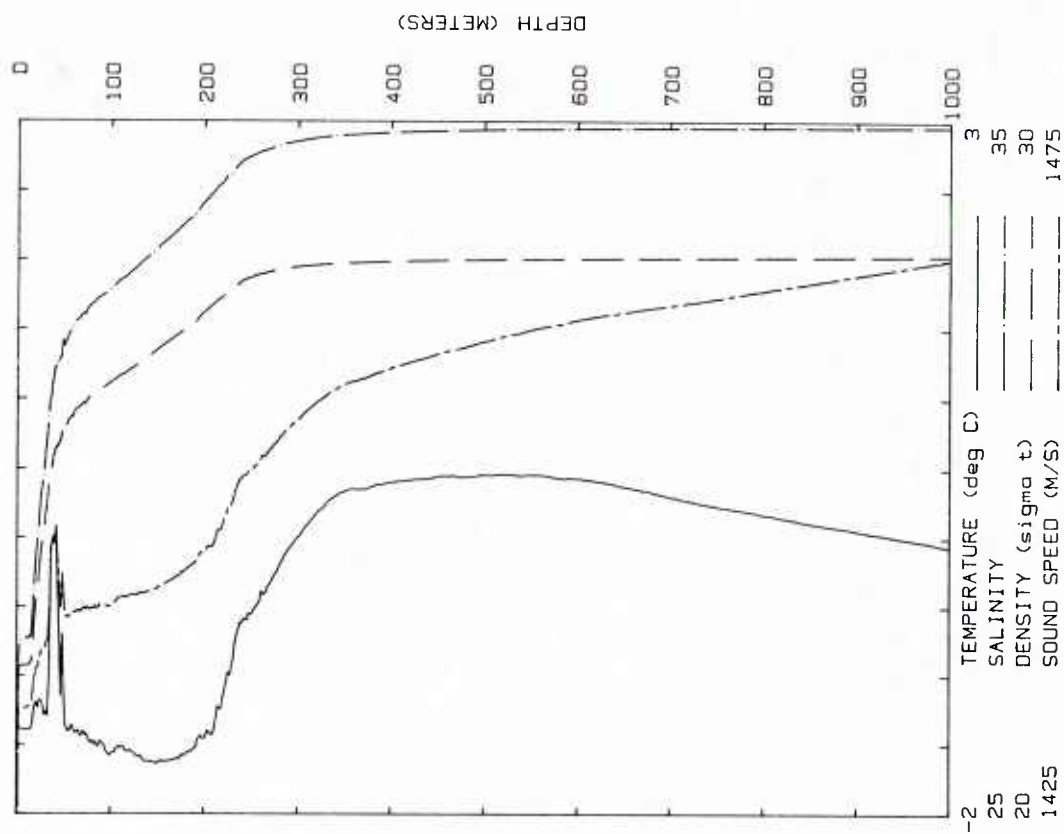
CAST # 25 DOWN  
 DATE 08/28/85  
 TIME 18 03 26  
 LAT 71 42.9 N  
 LON 150 02.4 W

# MIZPAC 85 TS CURVE



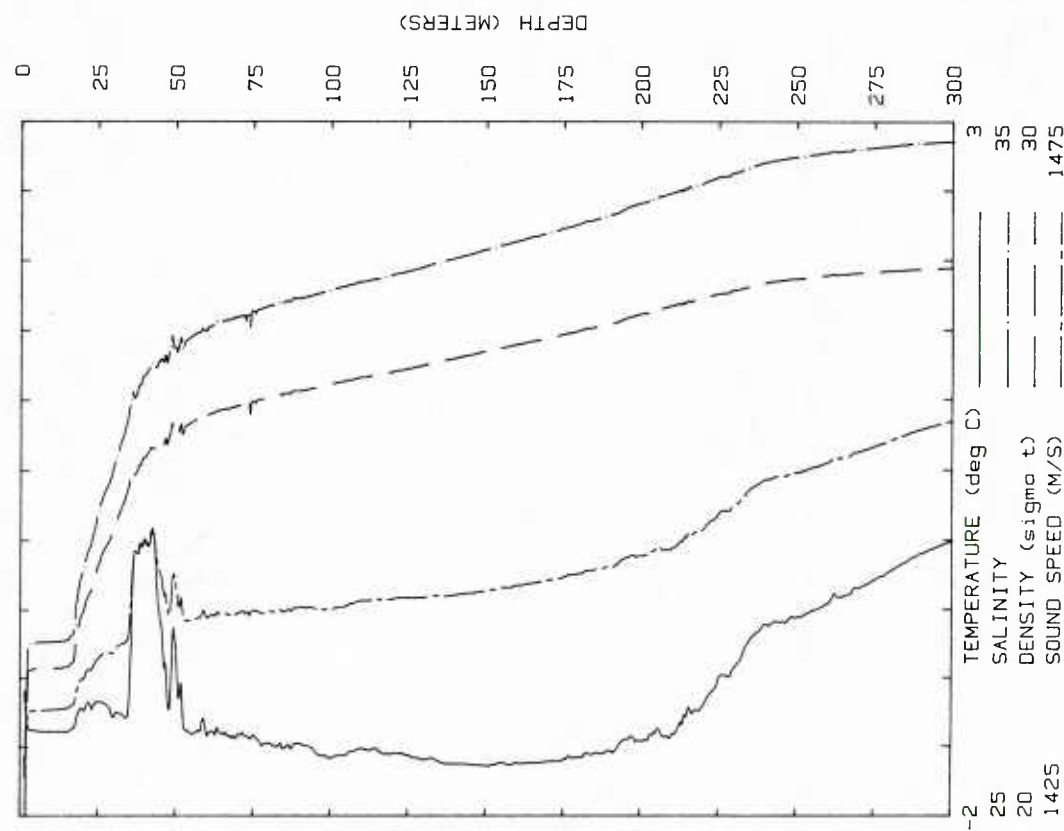
CAST # 26 DOWN  
LAT 71 57.9 N  
LON 149 58.5 W  
DATE 08-29-1985  
TIME 01:43:38  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST # 26 DOWN  
LAT 71 57.9 N  
LON 149 58.5 W  
DATE 08-29-1985  
TIME 01:43:38  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

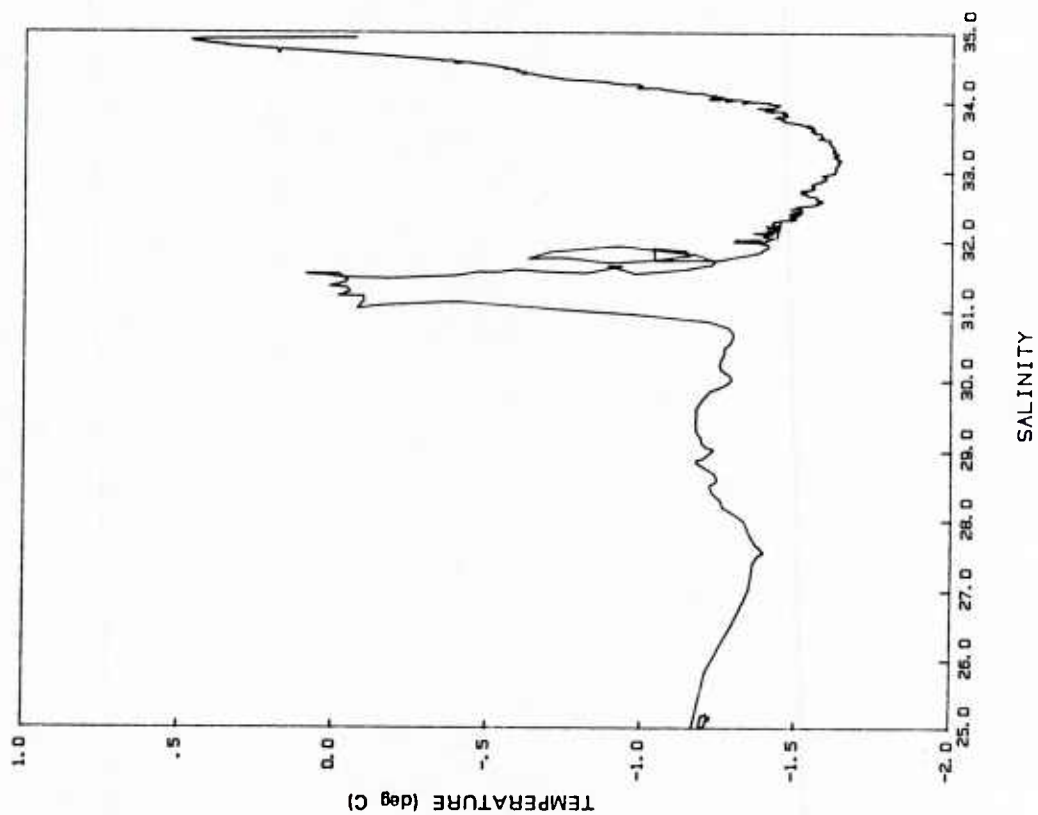
# MIZPAC 85 CTD PROFILE





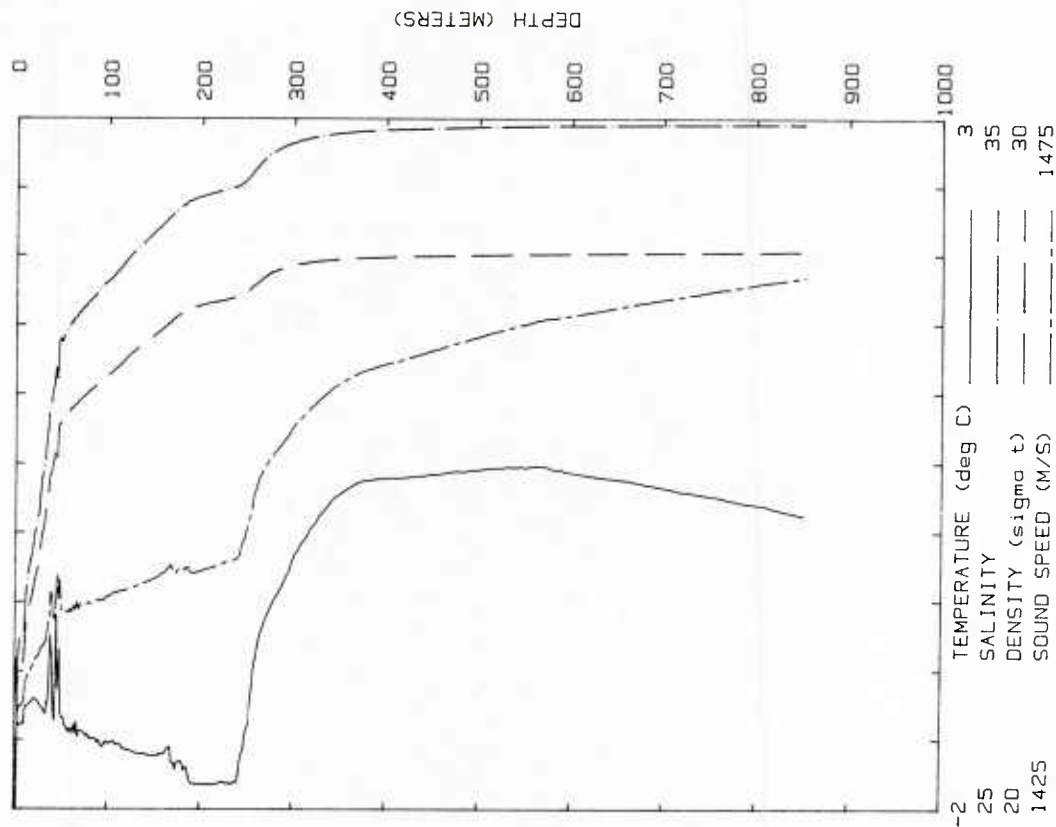
CAST# 26 DOWN  
 DATE: 85/08/29  
 TIME: 01:43:38  
 LAT: 71 57.9 N  
 LON: 148 58.5 W

# MIZPAC 85 TS CURVE



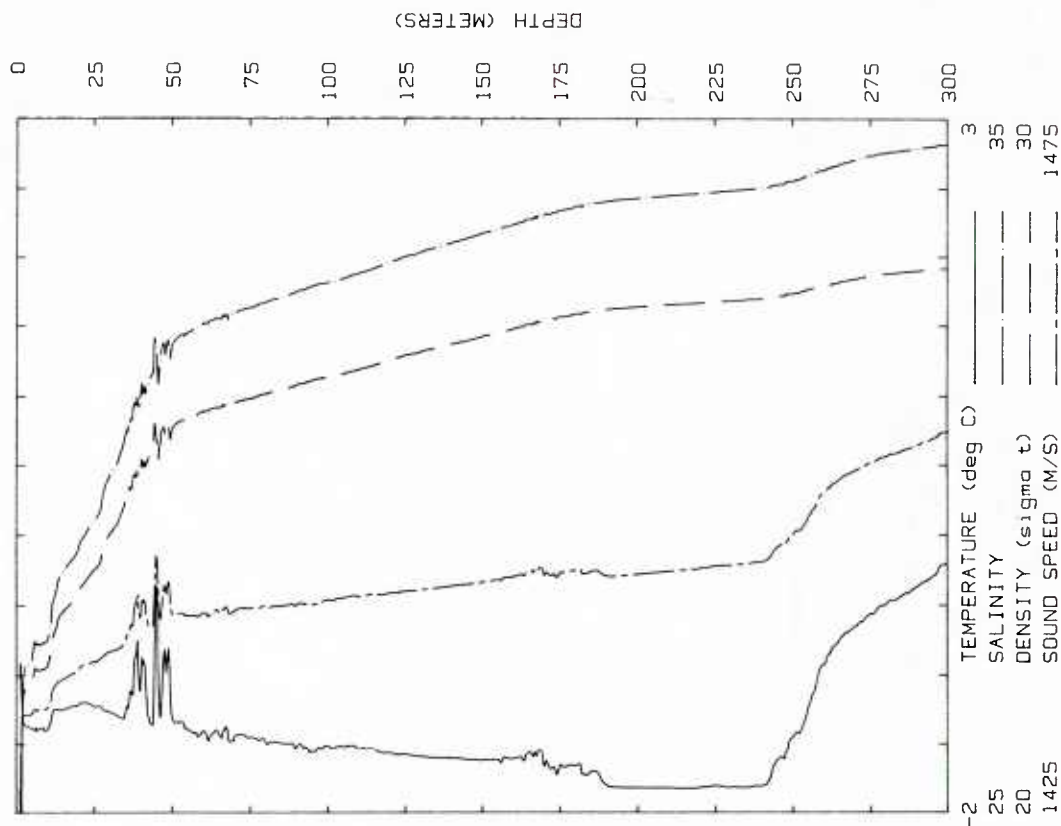
CAST # 27 DOWN  
 LAT 72 09.8 N  
 LON 150 01.7 W  
 DATE 08-29-1985  
 TIME 05:47:37  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



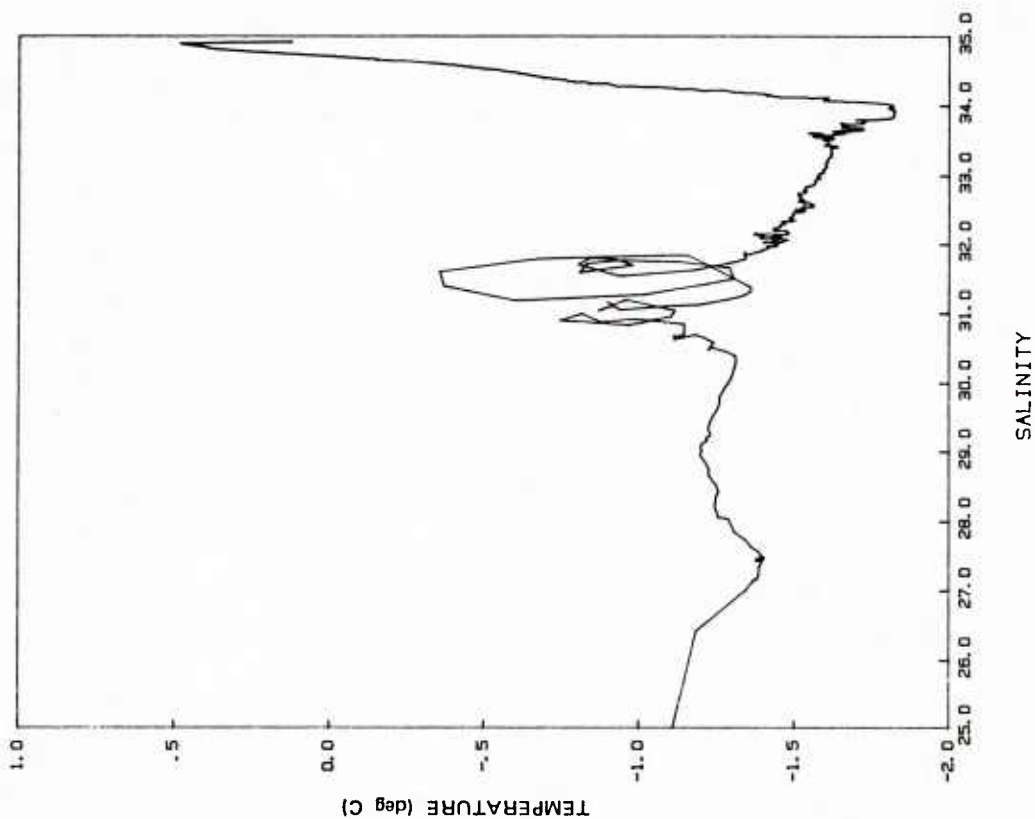
CAST # 27 DOWN  
 LAT 72 09.8 N  
 LON 150 01.7 W  
 DATE 08-29-1985  
 TIME 05:47:37  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



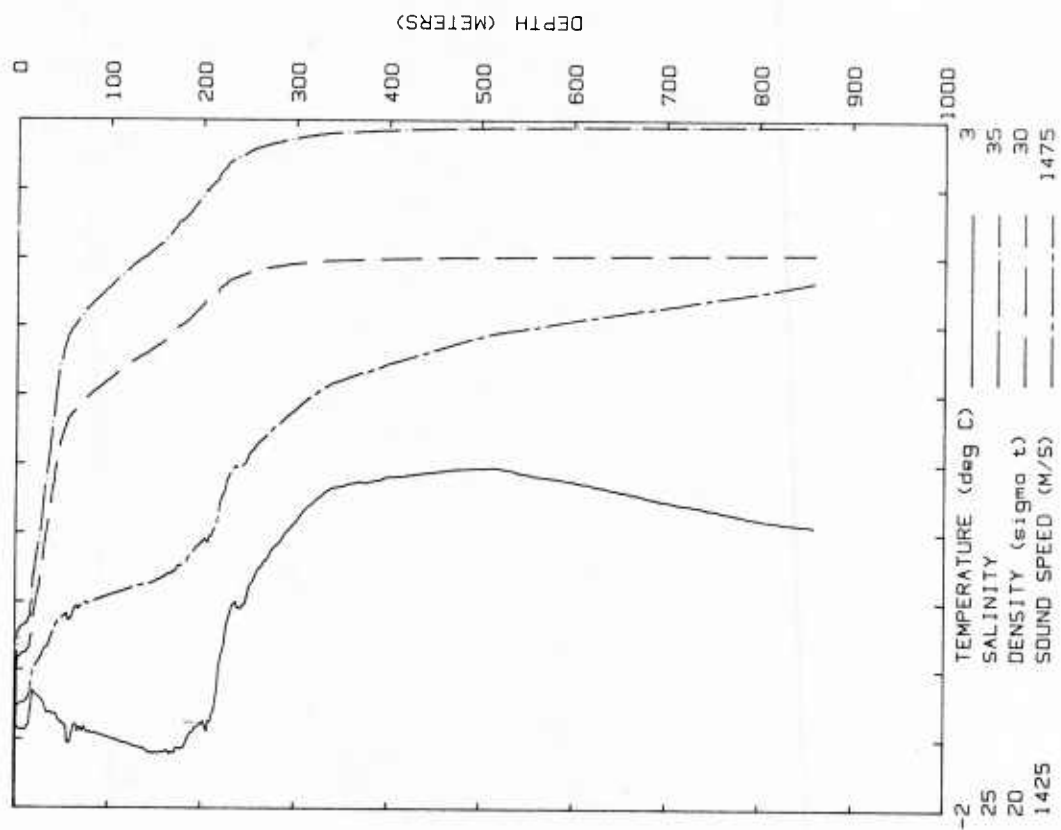
CAST # 27 DOWN  
 DATE 85/08/29  
 TIME 05:47:37  
 LAT 72 09.8 N  
 LON 150 01.7 W

# MIZPAC 85 TS CURVE



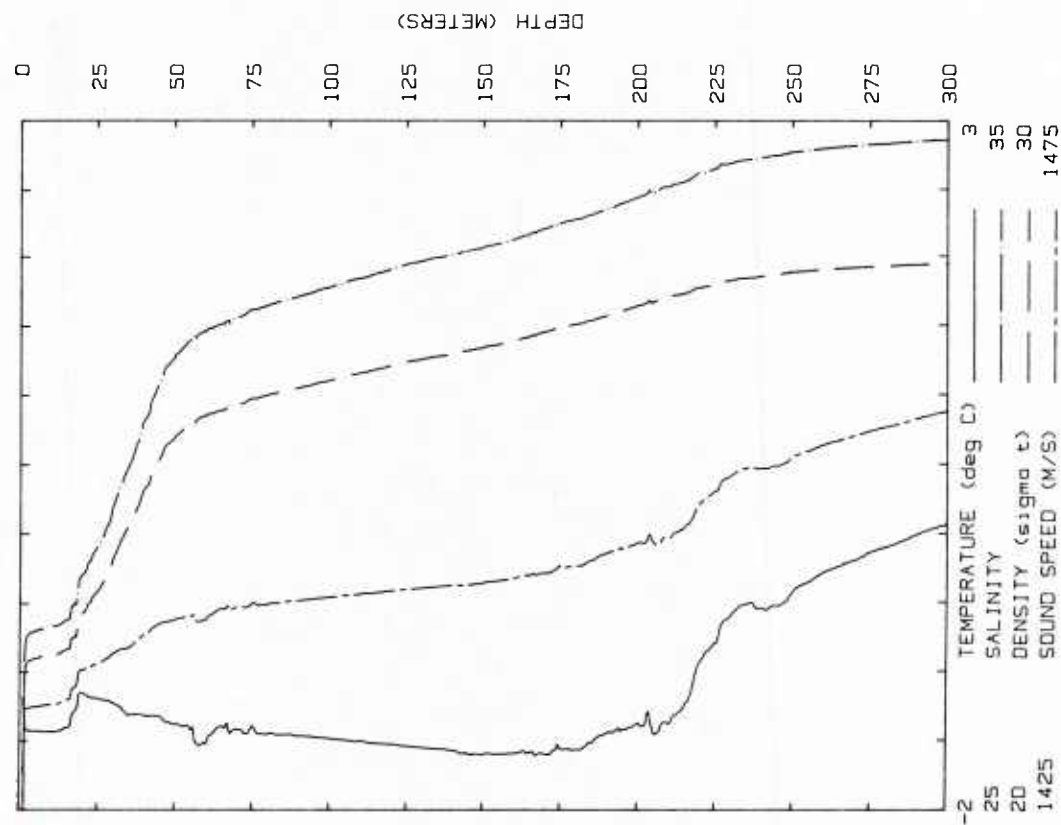
CAST # 28 DOWN  
LAT 72 24.9 N  
LON 150 39.9  
DATE 08-29-1985  
TIME 11:01:04  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



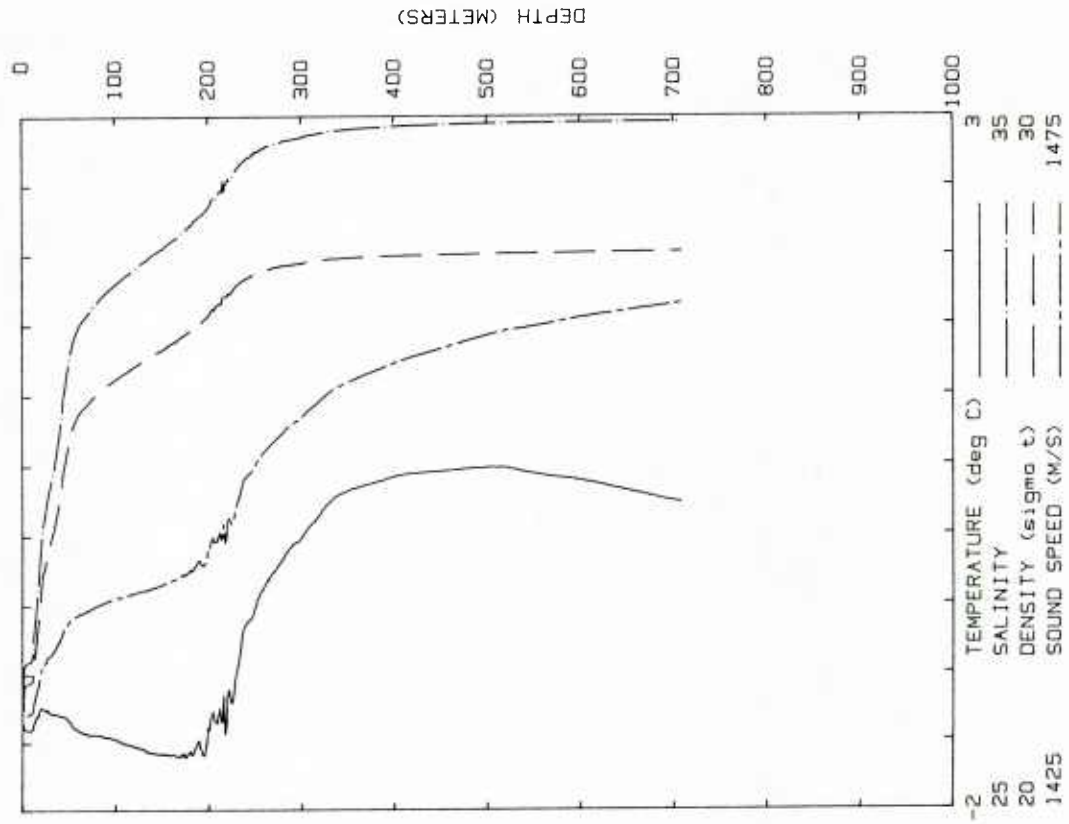
CAST # 28 DOWN  
LAT 72 24.9 N  
LON 150 39.9  
DATE 08-29-1985  
TIME 11:01:04  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



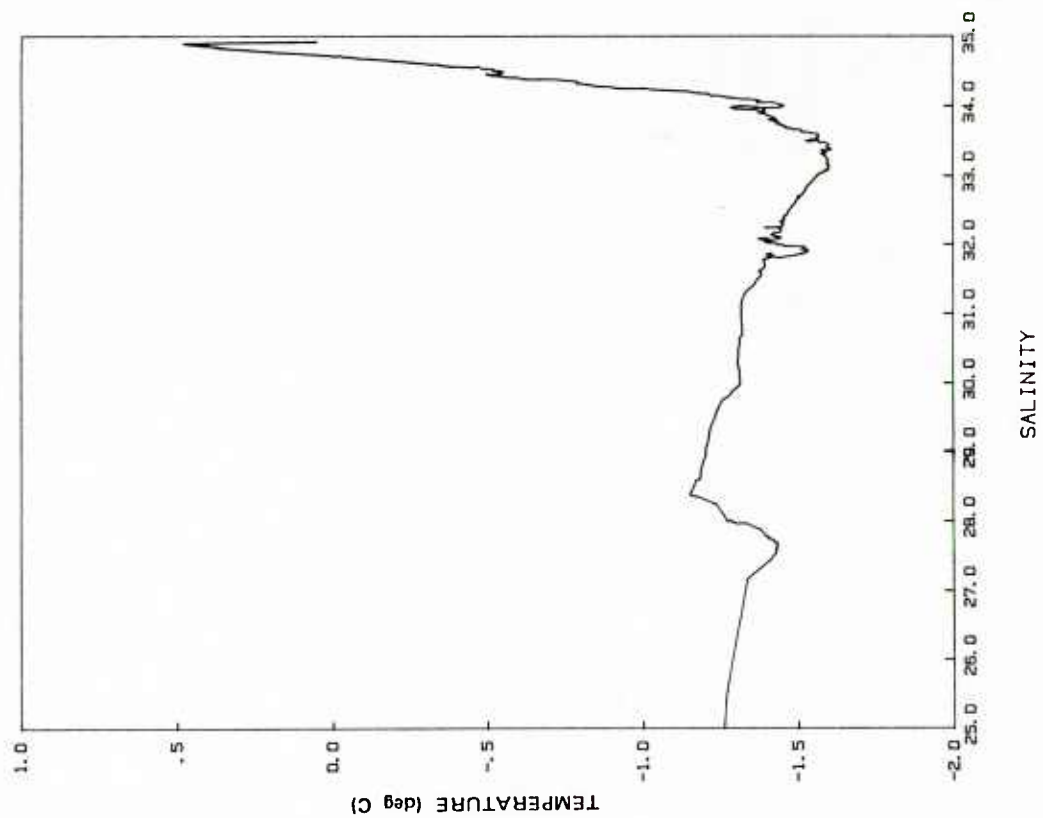
CAST # 29 DOWN  
 LAT 72 41.5 N  
 LON 151 13.9 W  
 DATE 08-29-1985  
 TIME 16:36:02  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



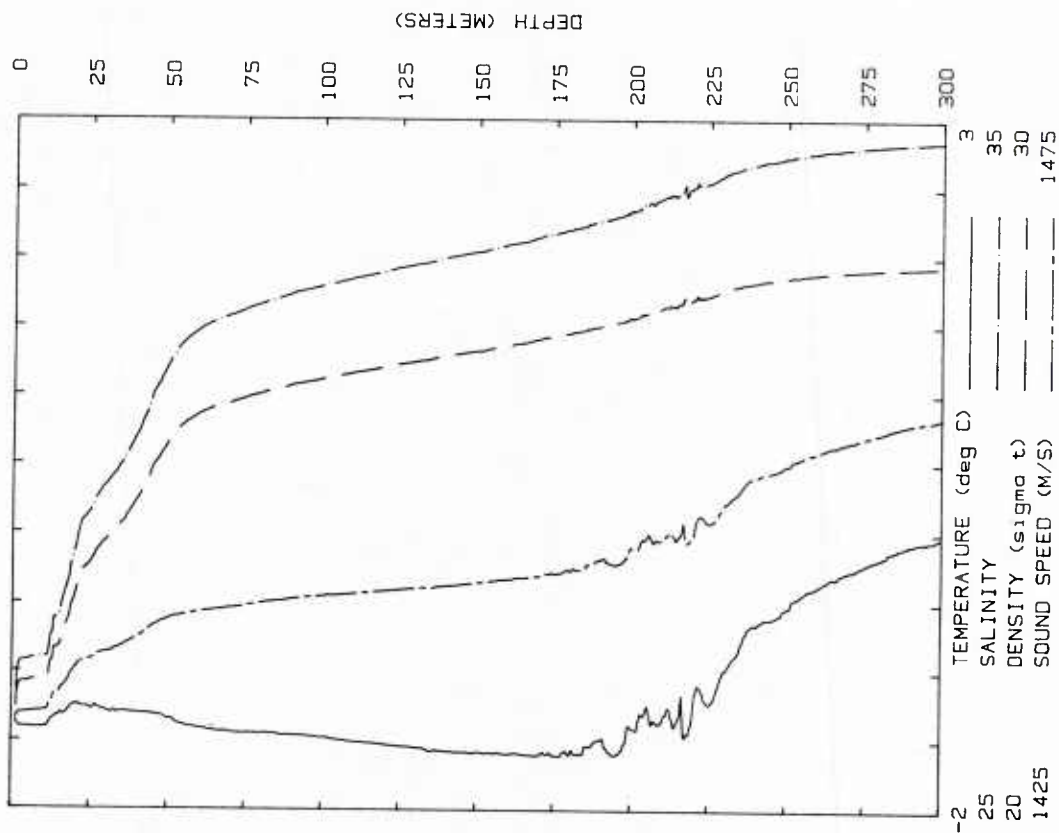
CAST# 28 DOWN  
 DATE: 85/08/29  
 TIME: 11:01:04  
 LAT: 72 24.9 N  
 LON: 150 38.9 W

# MIZPAC 85 TS CURVE



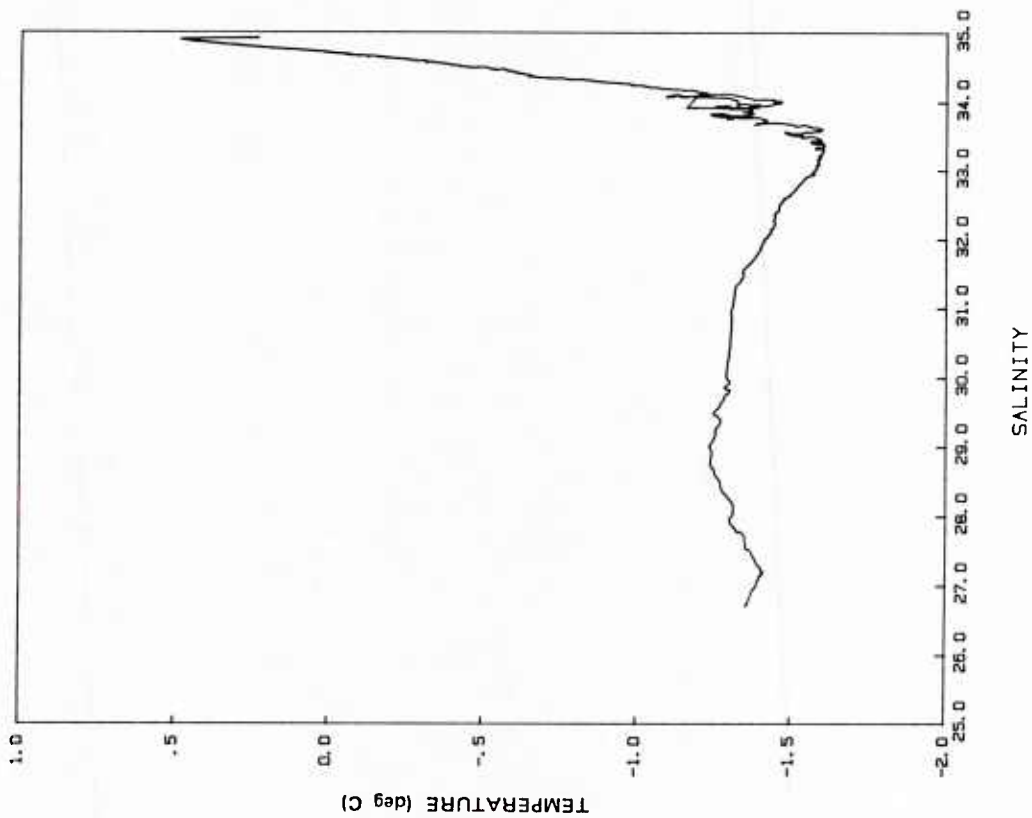
CAST # 29 DOWN  
 LAT 72 41.5 N  
 LON 151 13.9 W  
 DATE 08-29-1985  
 TIME 16:36:02  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST# 28 DOWN  
 DATE, 85/08/29  
 TIME, 16:36:02  
 LAT, 72 41.5 N  
 LON, 151 13.9 W

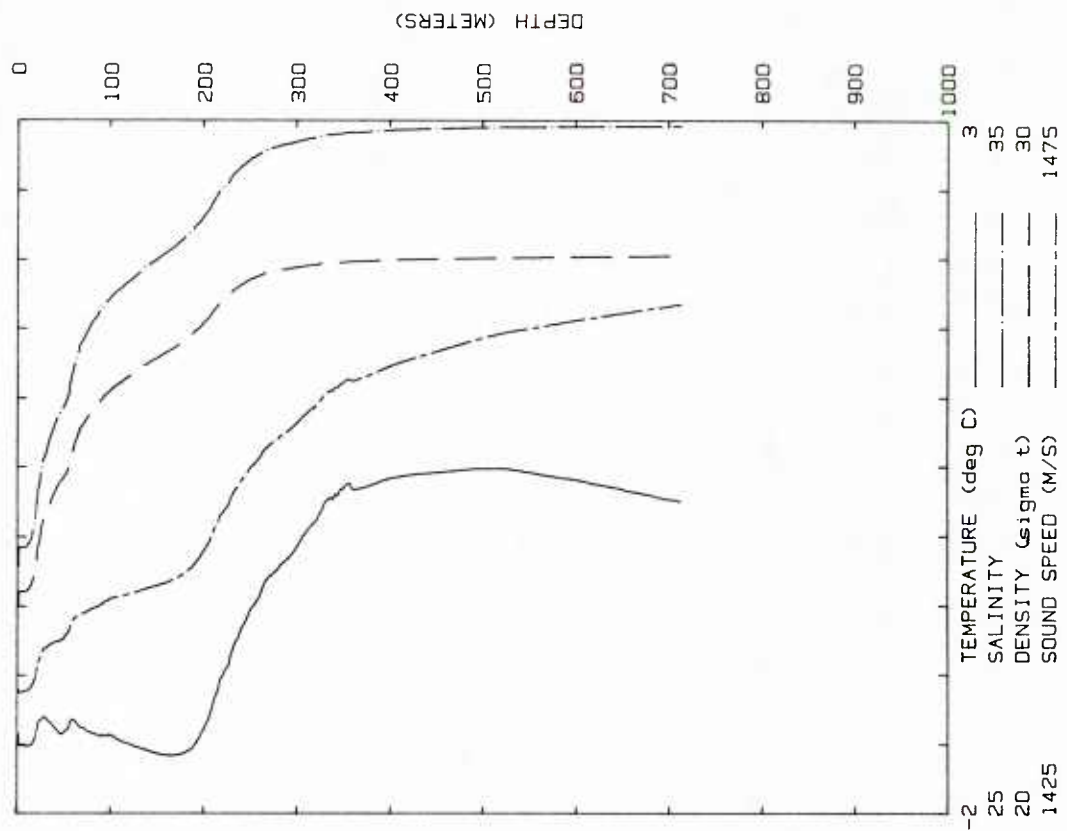
# MIZPAC 85 TS CURVE





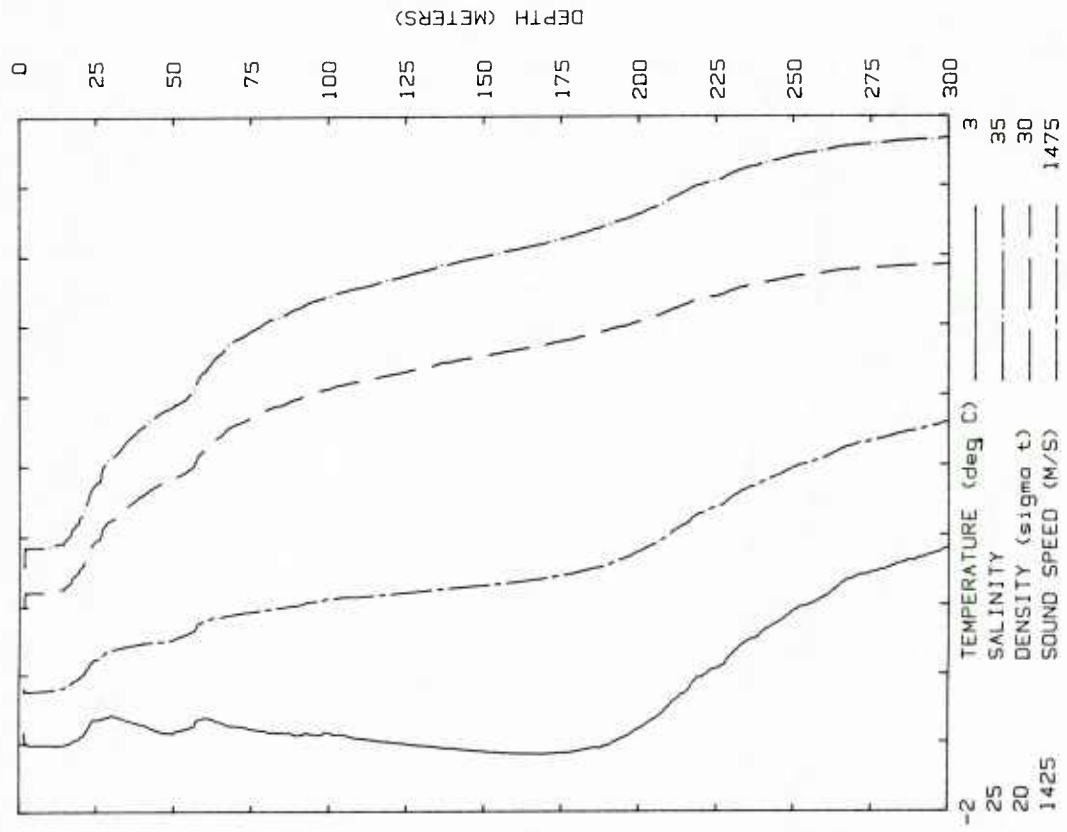
CAST # 30 DOWN  
 LAT 73 08.6 N  
 LON 151 23.0 W  
 DATE 08-30-1985  
 TIME 01:59:56  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



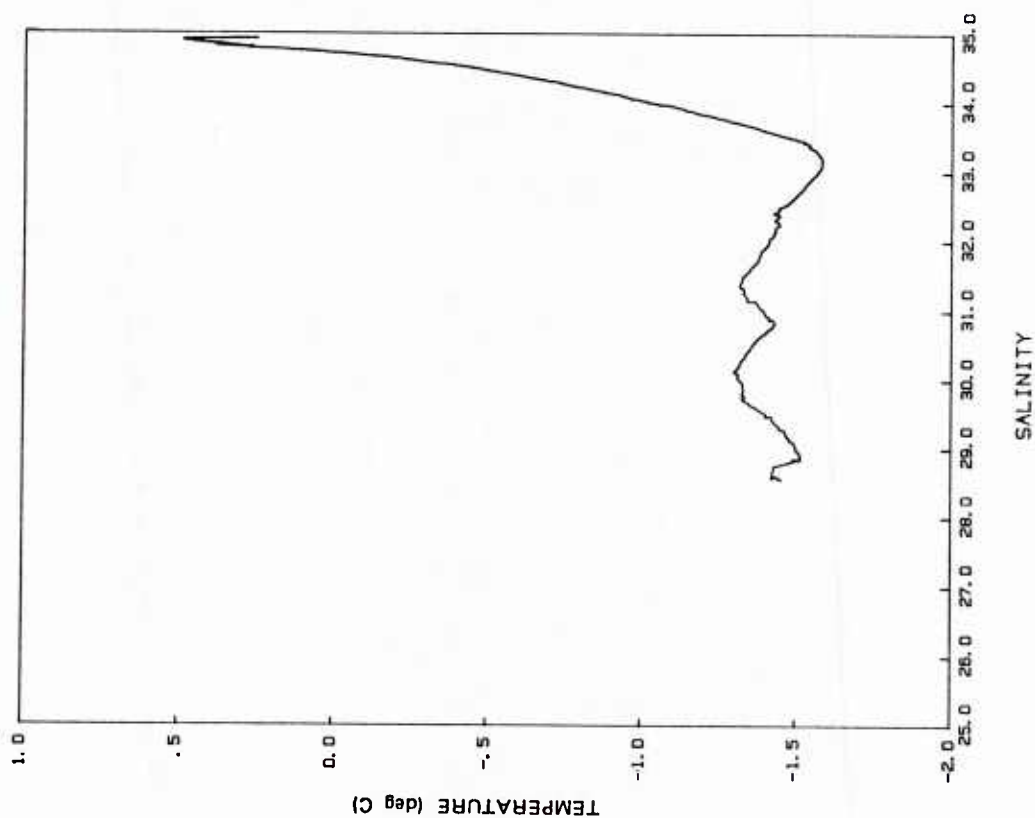
CAST # 30 DOWN  
 LAT 73 08.6 N  
 LON 151 23.0 W  
 DATE 08-30-1985  
 TIME 01:59:56  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



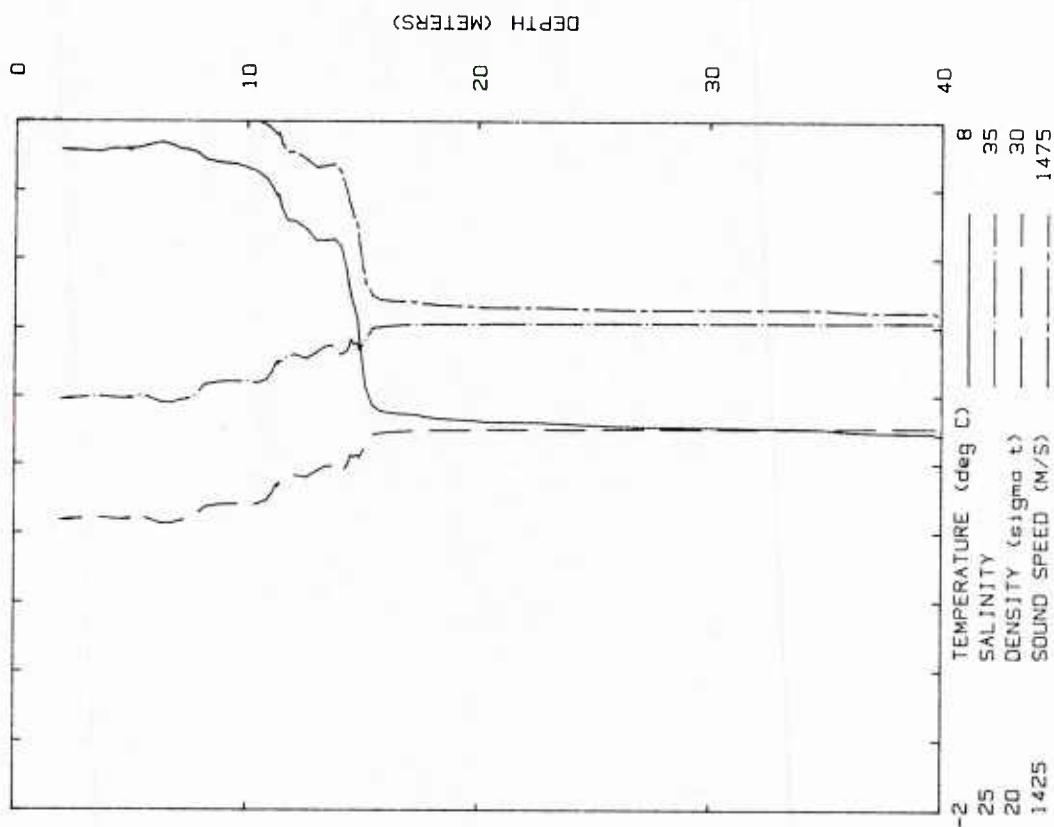
CAST# 30 DOWN  
 DATE: 85/08/30  
 TIME: 01:59:56  
 LAT: 73 08.6 N  
 LON: 151 23.0 W

# MIZPAC 85 TS CURVE



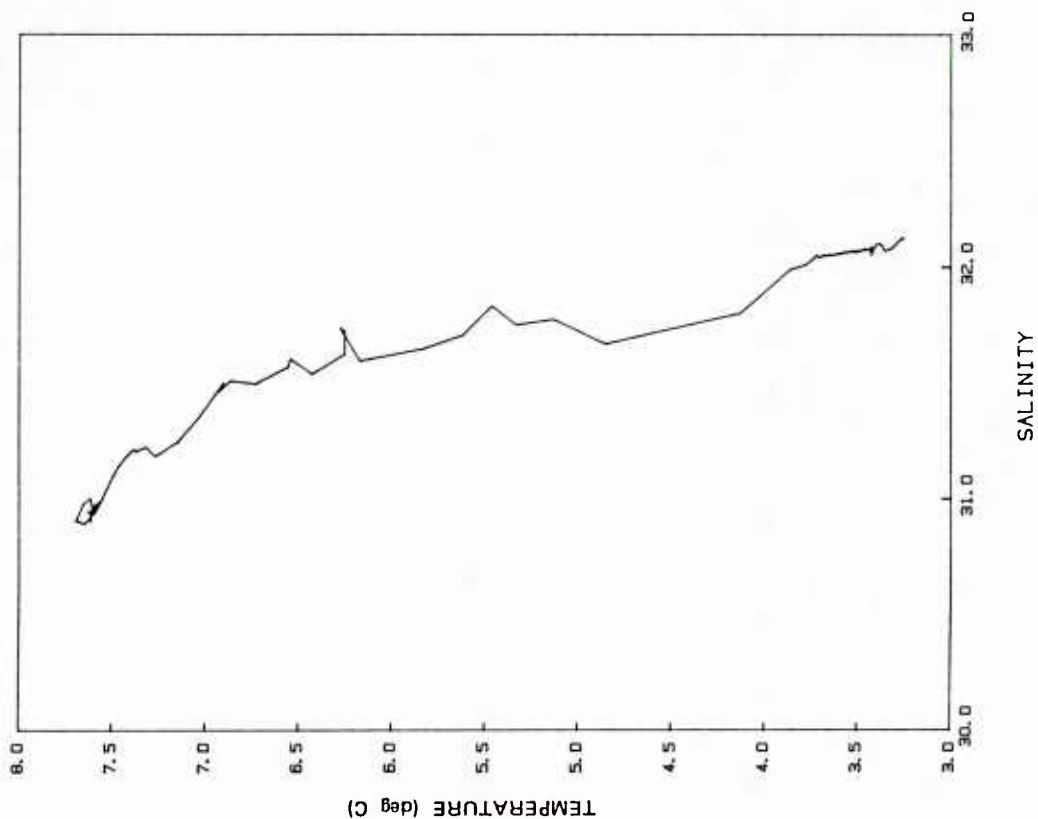
CAST # 31 DOWN  
 LAT 70 50.7 N  
 LON 160 34.9 W  
 DATE 09-02-1985  
 TIME 05:23:58  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



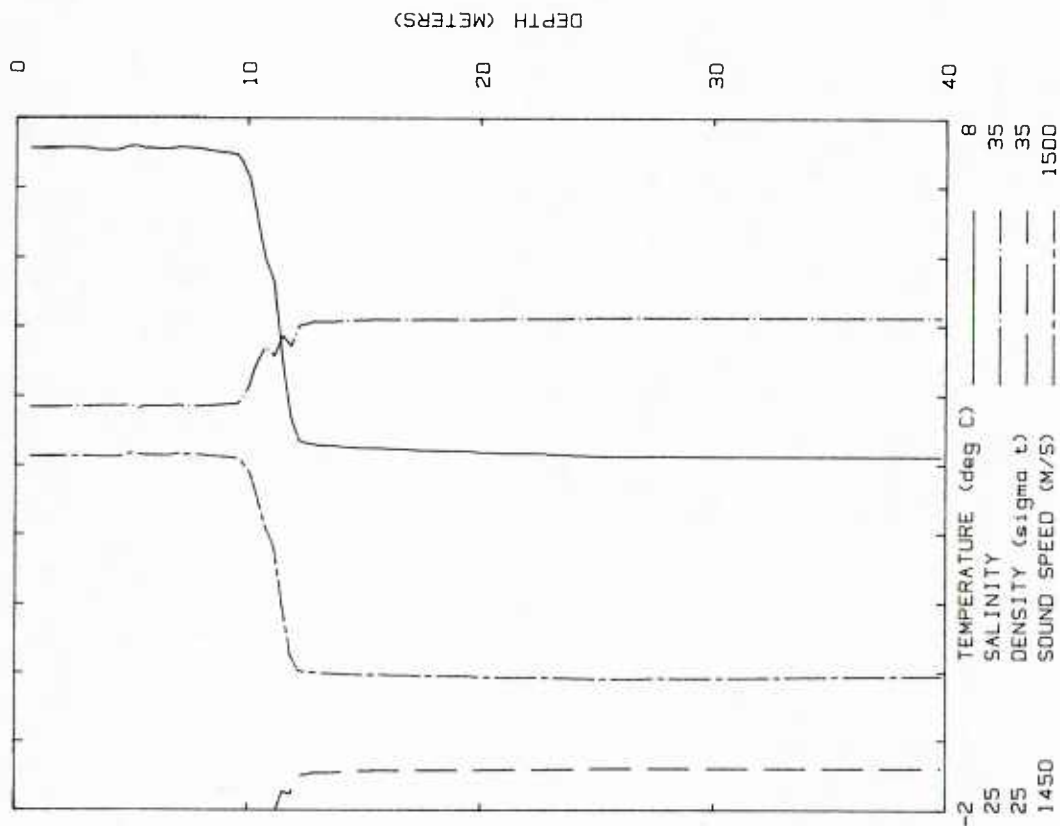
CASE# 31 DOWN  
 DATE: 85/09/02  
 TIME: 05:23:58  
 LAT: 70 50.7 N  
 LON: 160 34.9 W

# MIZPAC 85 TS CURVE



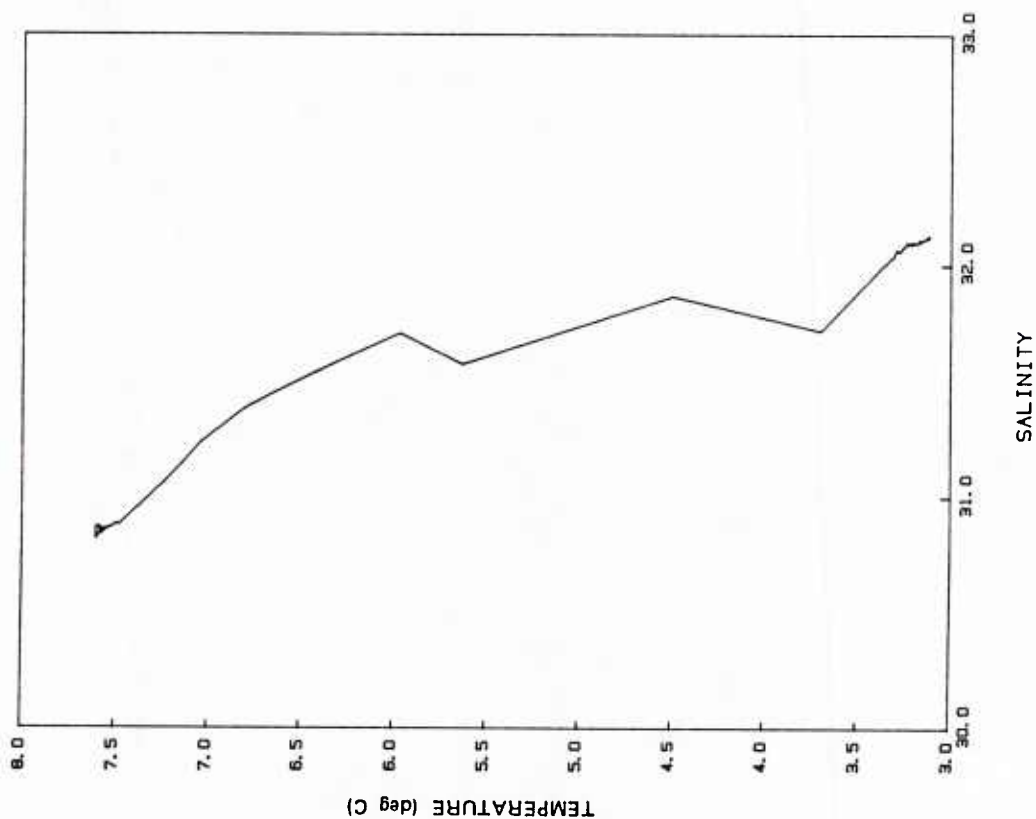
CASE# 32 DOWN  
 LAT: 70 55.8 N  
 LON: 160 10.8 W  
 DATE: 09-02-1985  
 TIME: 06:26:02  
 SENSOR: NEIL BROWN  
 MODEL: MK 11J  
 NUMBER: 01-2904-1

# MIZPAC 85 CTD PROFILE



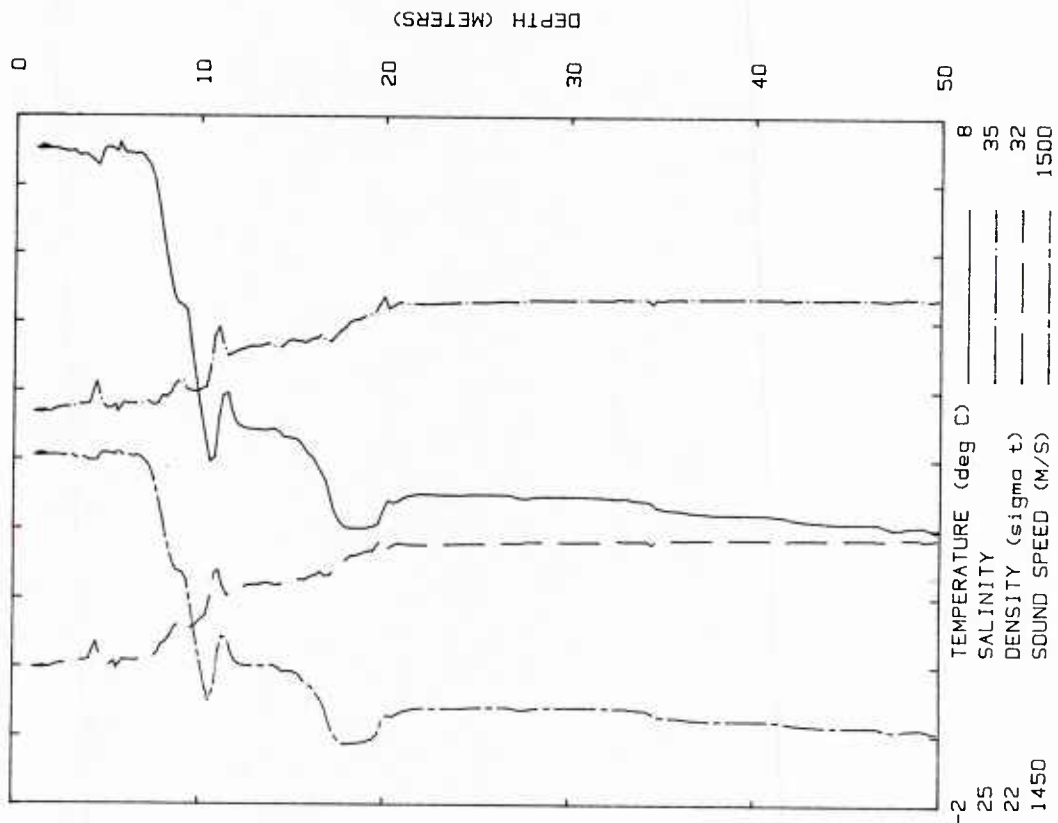
CAST # 32 DOWN  
 DATE: 85/09/02  
 TIME: 06:26:02  
 LAT: 70 55.8 N  
 LON: 160 10.6 W

# MIZPAC 85 TS CURVE



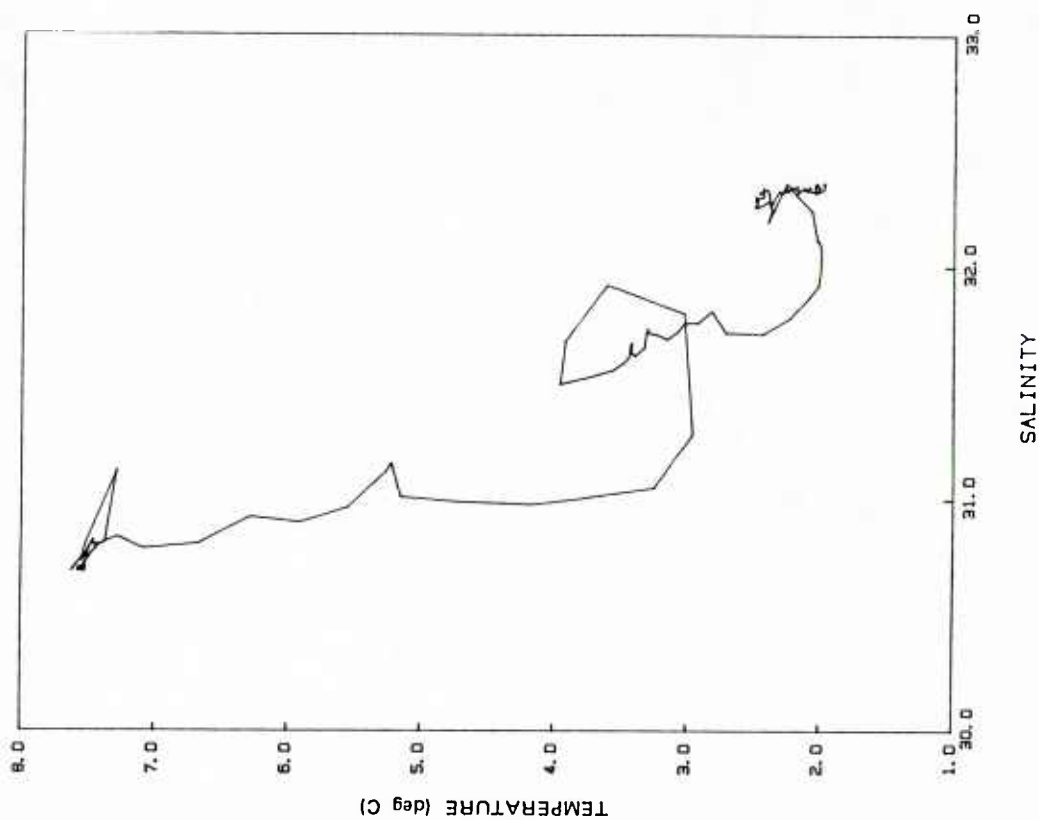
CAST # 33 DOWN  
 LAT: 71 02.2  
 LON: 159 39.1 W  
 DATE: 09-02-1985  
 TIME: 08:18:58  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



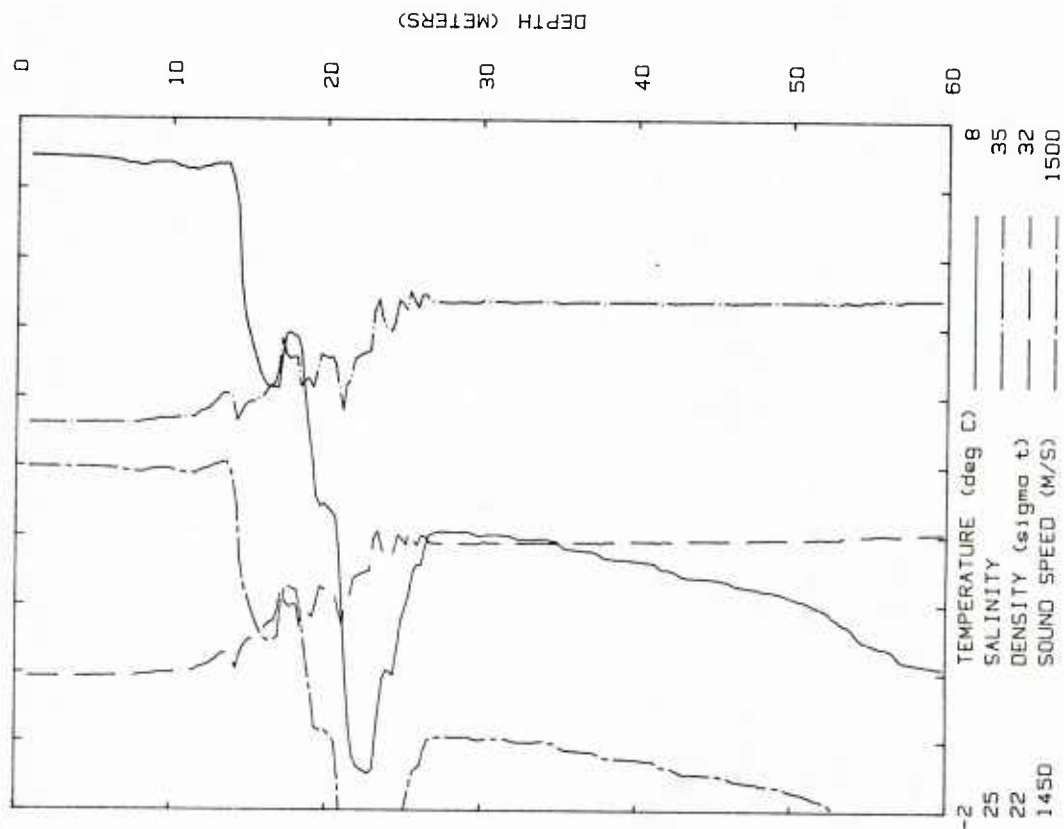
CASE # 33 DOWN  
 DATE: 85/08/02  
 TIME: 08:18:38  
 LAT: 71 02.2 N  
 LON: 159 36.1 W

# MIZPAC 85 TS CURVE



CASE # 34 DOWN  
 LAT: 71 07.0 N  
 LON: 159 19.4 W  
 DATE: 85-02-1985  
 TIME: 09:21:45  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

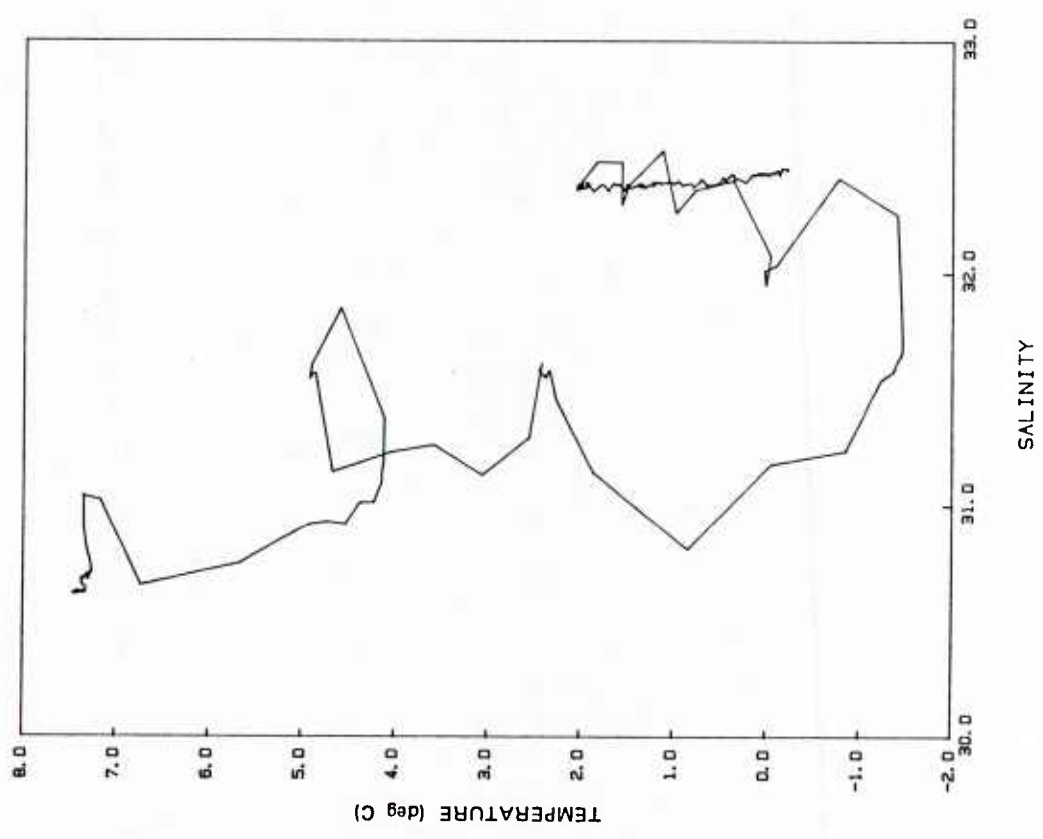
# MIZPAC 85 CTD PROFILE





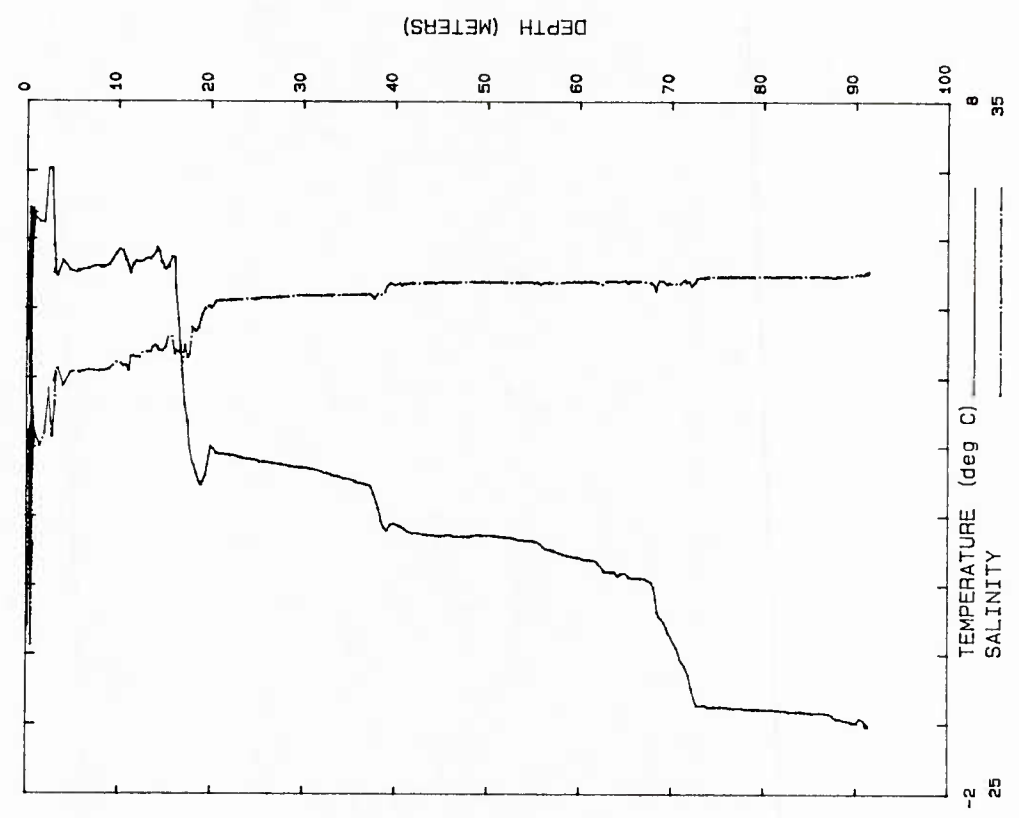
CAST# 34 DOWN  
 DATE: 85/08/02  
 TIME: 09:21.45  
 LAT: 71 07.0 N  
 LON: 159 18.4 W

# MIZPAC 85 TS CURVE



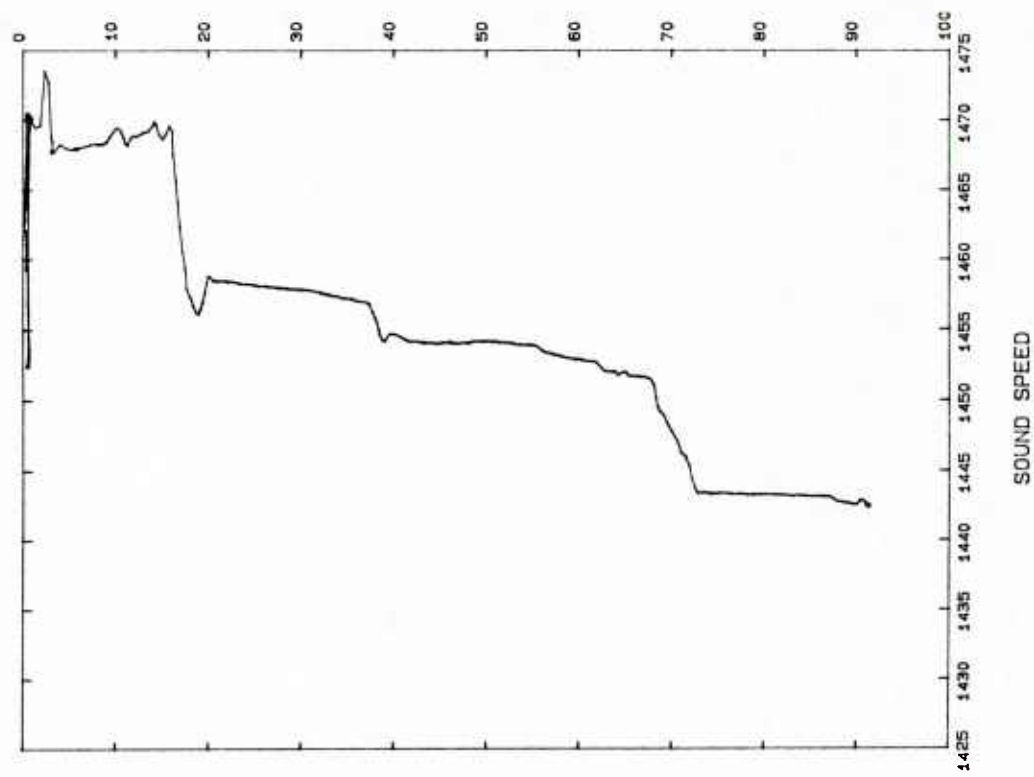
CAST# 35 DOWN  
 DATE: 85/08/02  
 TIME: 10:32.34  
 LAT: 71 11.8 N  
 LON: 158 52.6 W

# MIZPAC 85 CTD PROFILE



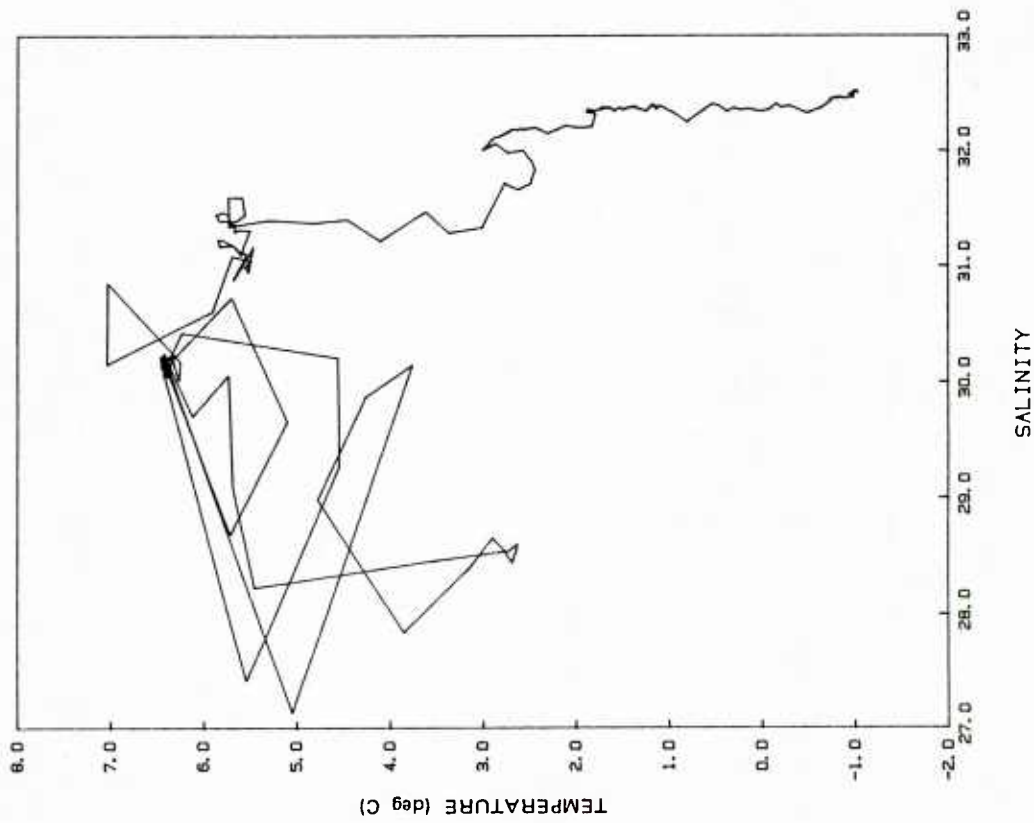
CAST# 35 DOWN  
 DATE: 85/08/02  
 TIME: 10:32:34  
 LAT: 71 11.8 N  
 LON: 158 52.8 W

# MIZPAC 85 CALCULATED SOUND SPEED



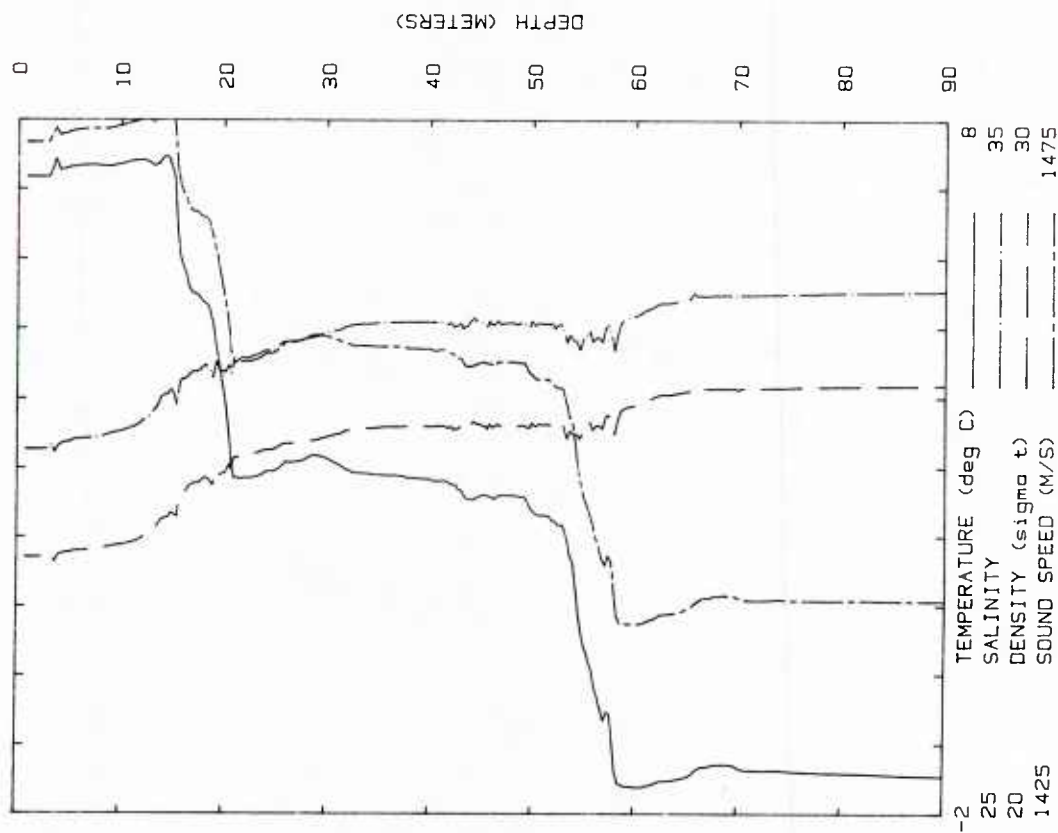
CAST# 35 DOWN  
 DATE: 85/08/02  
 TIME: 10:32:34  
 LAT: 71 11.8 N  
 LON: 158 52.8 W

# MIZPAC 85 TS CURVE



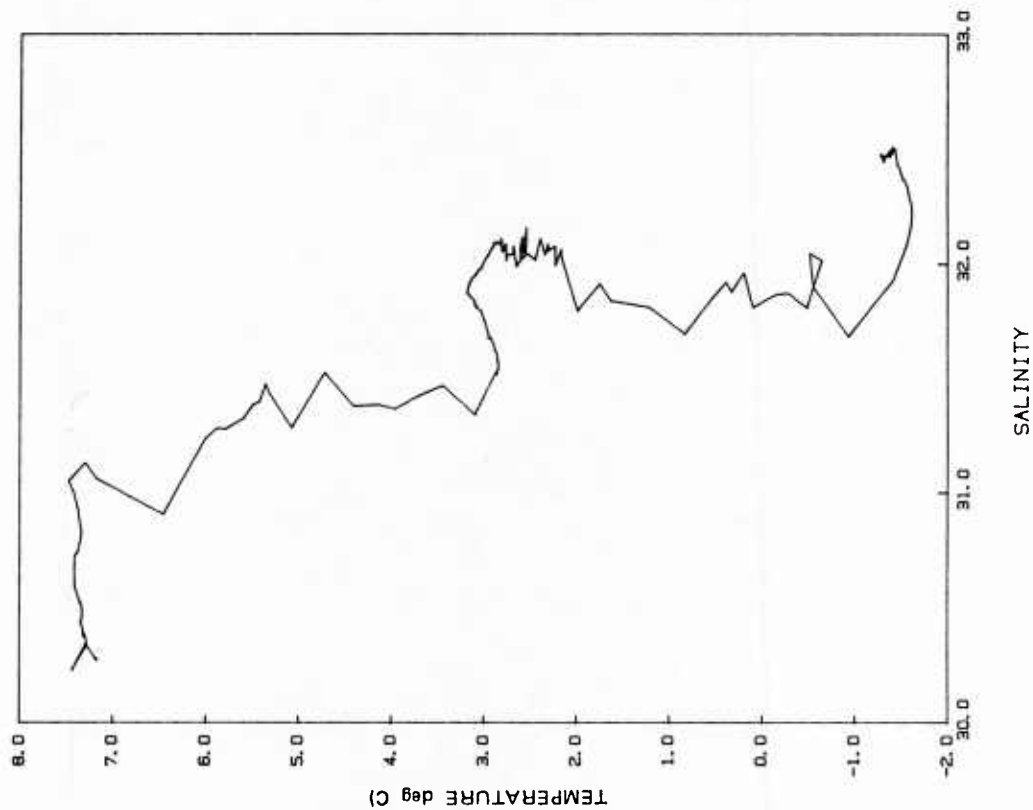
CAST # 36 DOWN  
 LAT 71 16.9 N  
 LON 158 28.2 W  
 DATE 09-02-1985  
 TIME 11:35:04  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



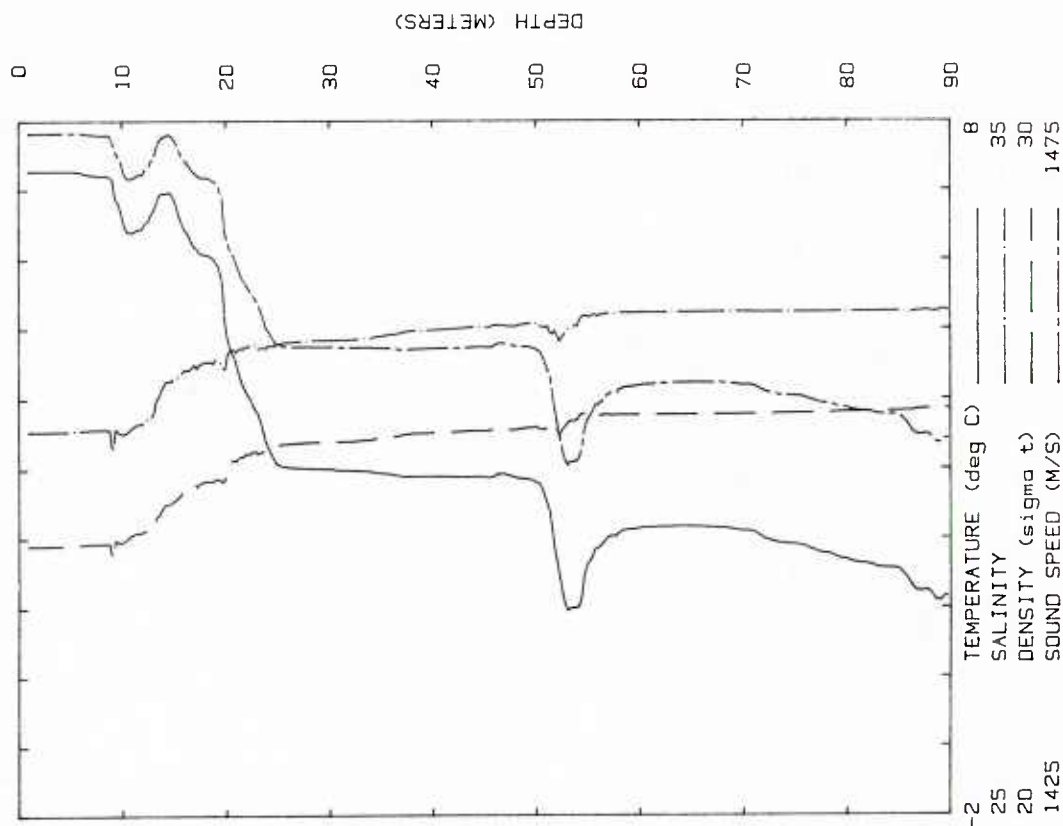
CAST# 36 DOWN  
 DATE 85/09/02  
 TIME 11:35:04  
 LAT 71 16.9 N  
 LON 158 28.2 W

# MIZPAC 85 TS CURVE



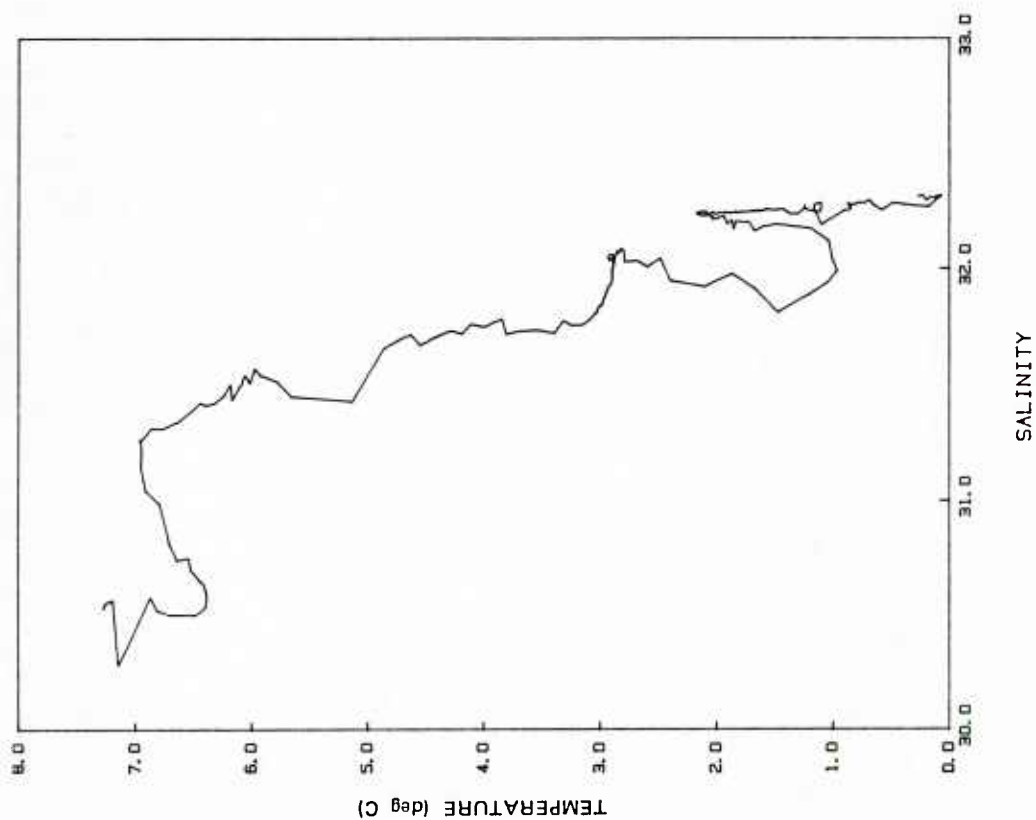
CAST # 37 DOWN  
 LAT 71 21.4 N  
 LON 157 55.2 W  
 DATE 09-02-1985  
 TIME 13:00:06  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



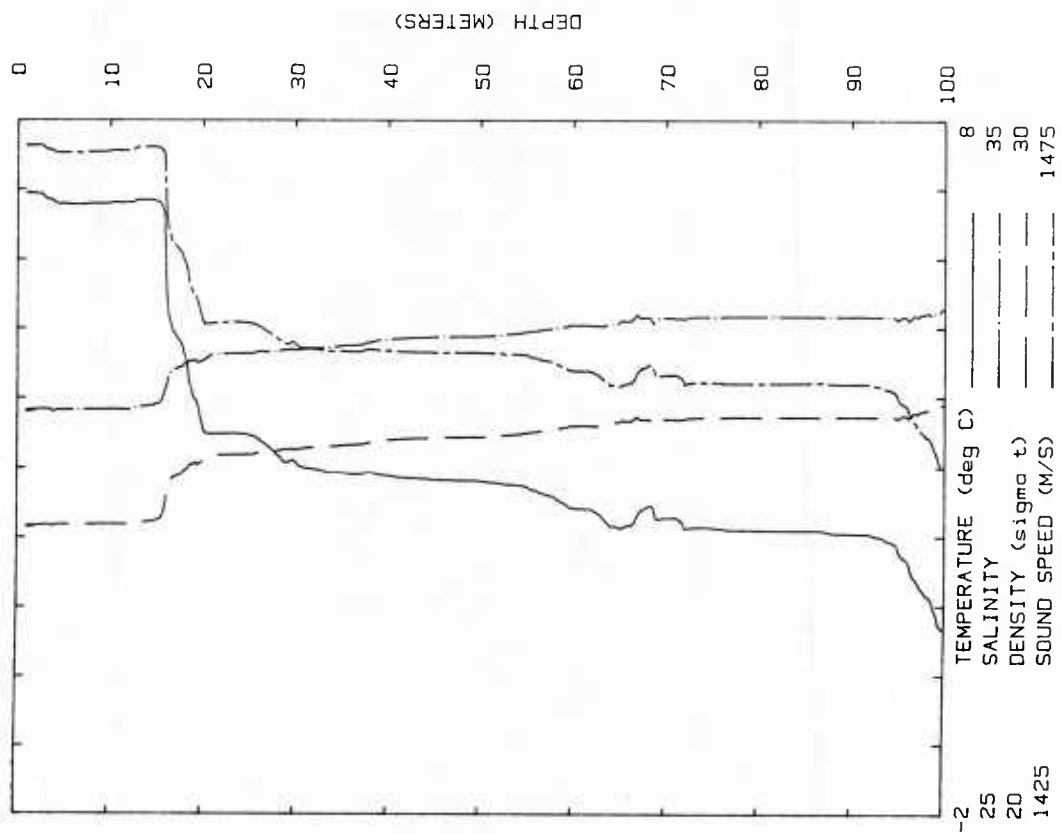
CAST# 37 DOWN  
 DATE, 85/09/02  
 TIME, 13:00:06  
 LAT, 71 21.4 N  
 LON, 157 55.2 W

# MIZPAC 85 TS CURVE



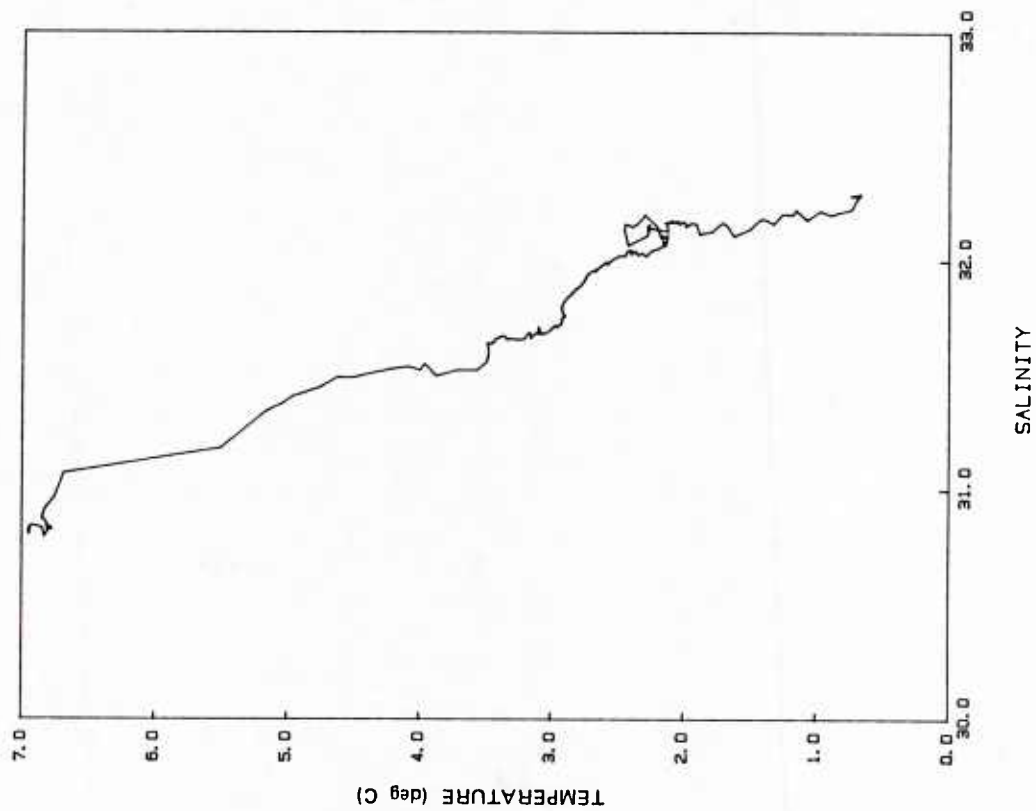
CAST # 38 DOWN  
 LAT 71 24.9 N  
 LON 157 31.9 W  
 DATE 08-02-1985  
 TIME 14:09:01  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



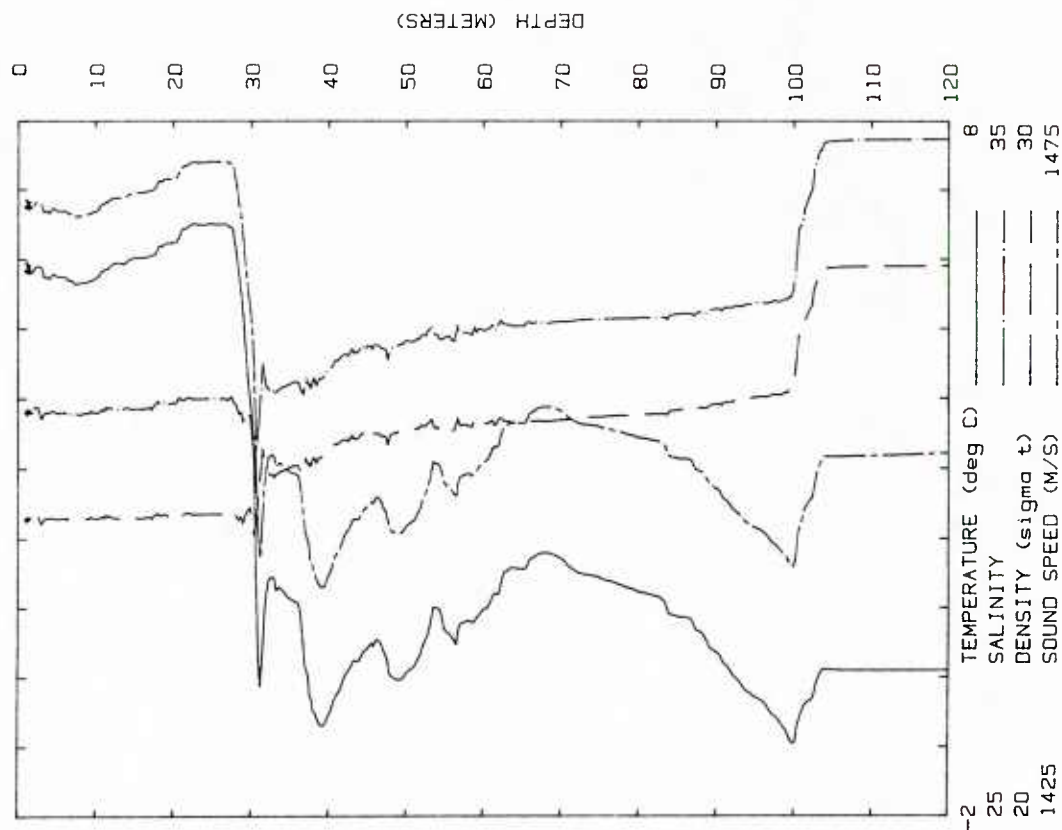
CAST # 38 DOWN  
 DATE 85/08/02  
 TIME 14:09:01  
 LAT 71 24.9 N  
 LON 157 31.9 W

# MIZPAC 85 TS CURVE



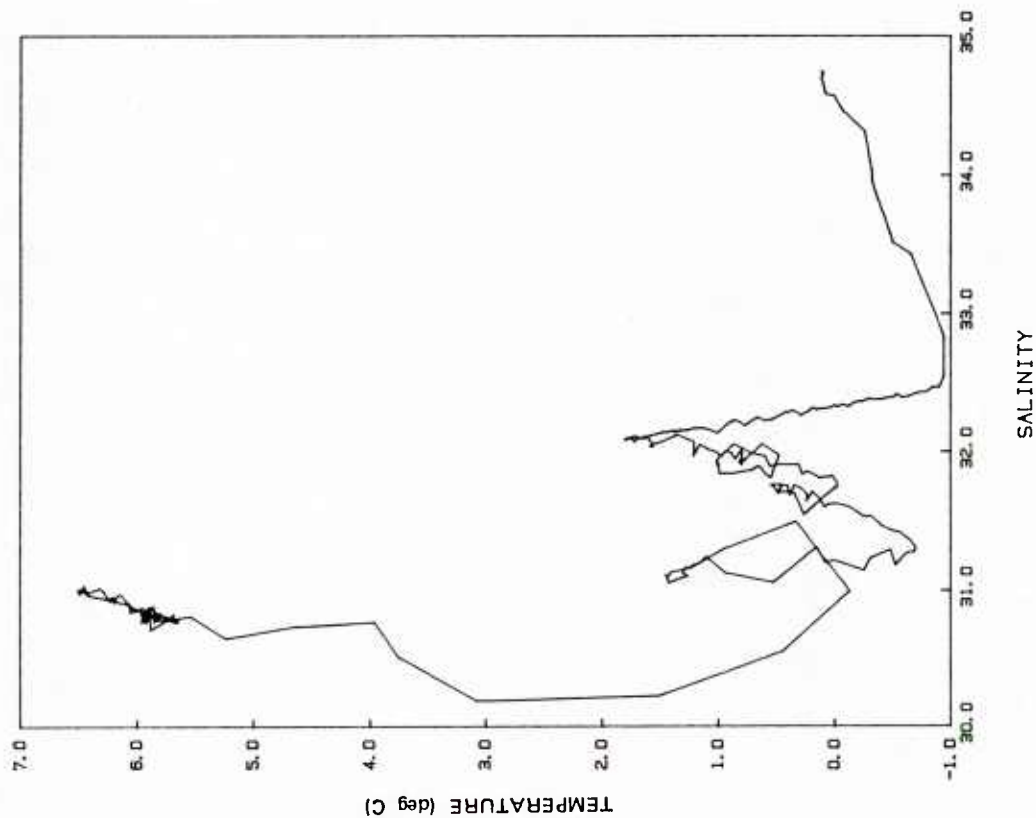
CAST # 39 DOWN  
 LAT 71 28.7 N  
 LON 157 05.3 W  
 DATE 09-02-1985  
 TIME 15:29:45  
 SENSOR NEIL BROWN  
 MODEL MK. I11  
 NUMBER 01-2304-1

# MIZPAC 85 CTD PROFILE



CAST# 39 DOWN  
 DATE, 85/09/02  
 TIME, 15:29:45  
 LAT, 71 28.7 N  
 LON, 157 05.3 W

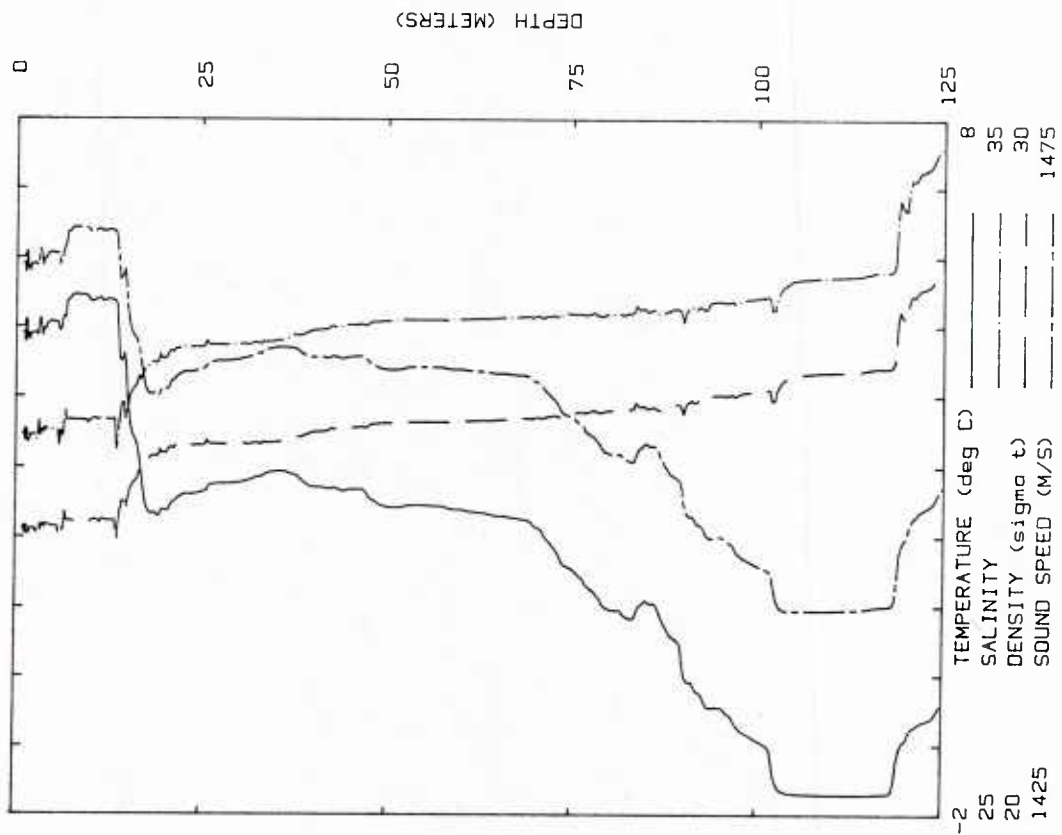
# MIZPAC 85 TS CURVE





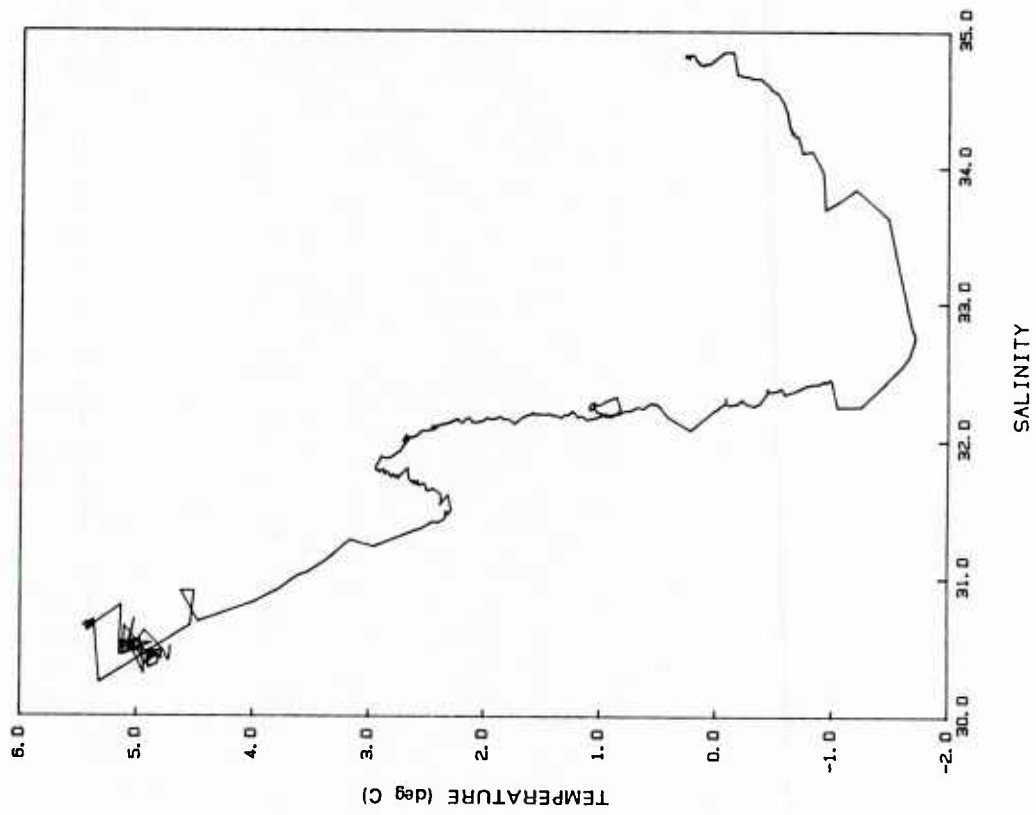
CAST # 40 DOWN  
 LAT 71 32.5 N  
 LON 156 36.9 W  
 DATE 09-02-1985  
 TIME 16:56:57  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



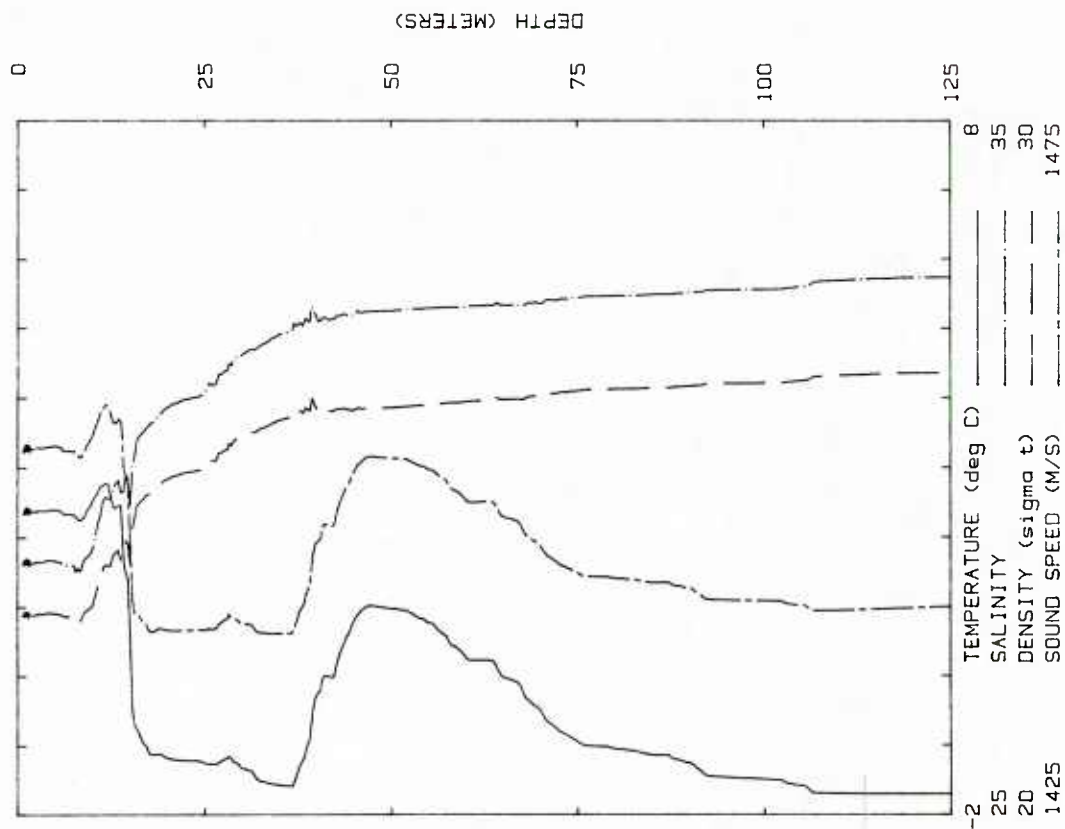
CAST# 40 DOWN  
 DATE, 85/09/02  
 TIME, 16:56:57  
 LAT, 71 32.5 N  
 LON, 156 36.9 W

# MIZPAC 85 TS CURVE



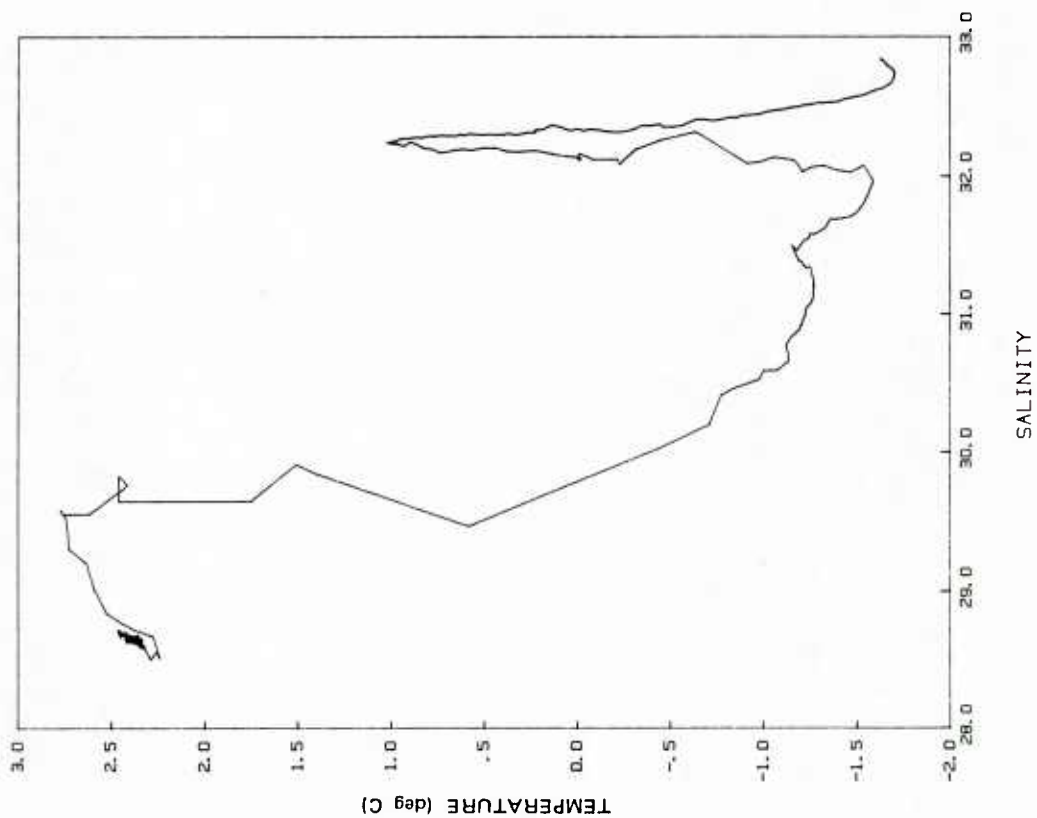
CAST # 41 DOWN  
 LAT 71 36.7 N  
 LON 156 08.3 W  
 DATE 09-02-1985  
 TIME 18:30:48  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



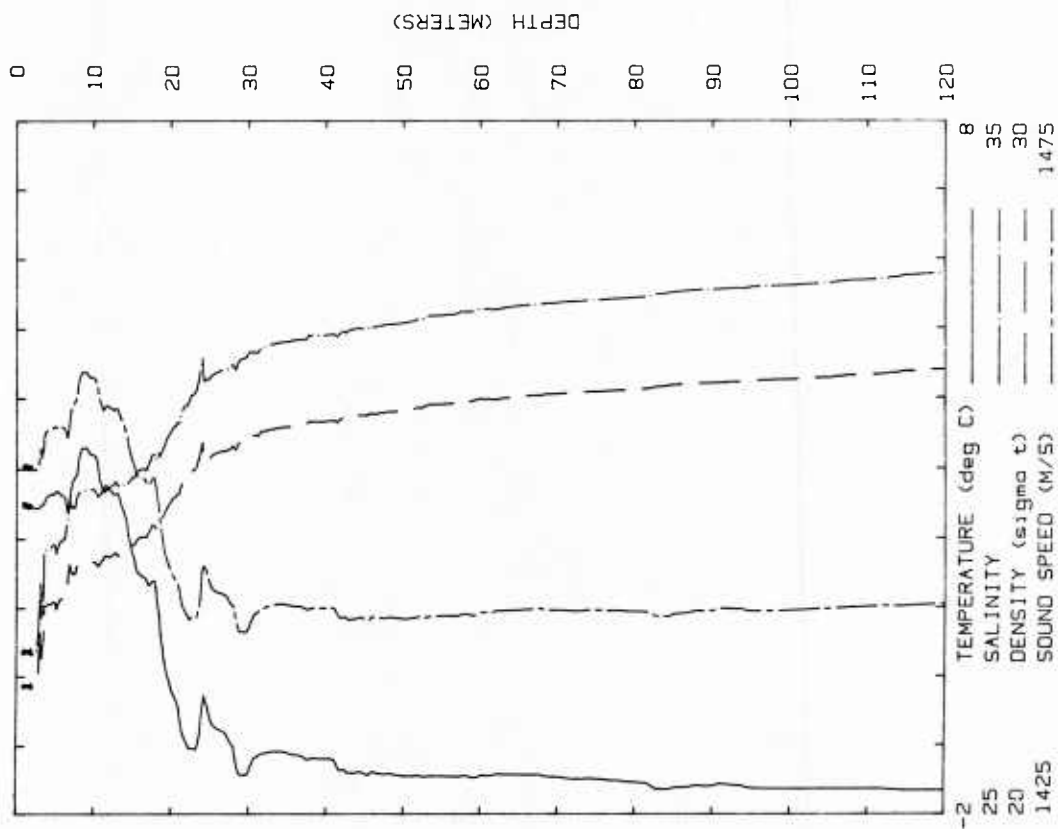
CAST # 41 DOWN  
 DATE: 85/09/02  
 TIME: 18:30:48  
 LAT: 71 36.7 N  
 LON: 156 08.3 W

# MIZPAC 85 TS CURVE



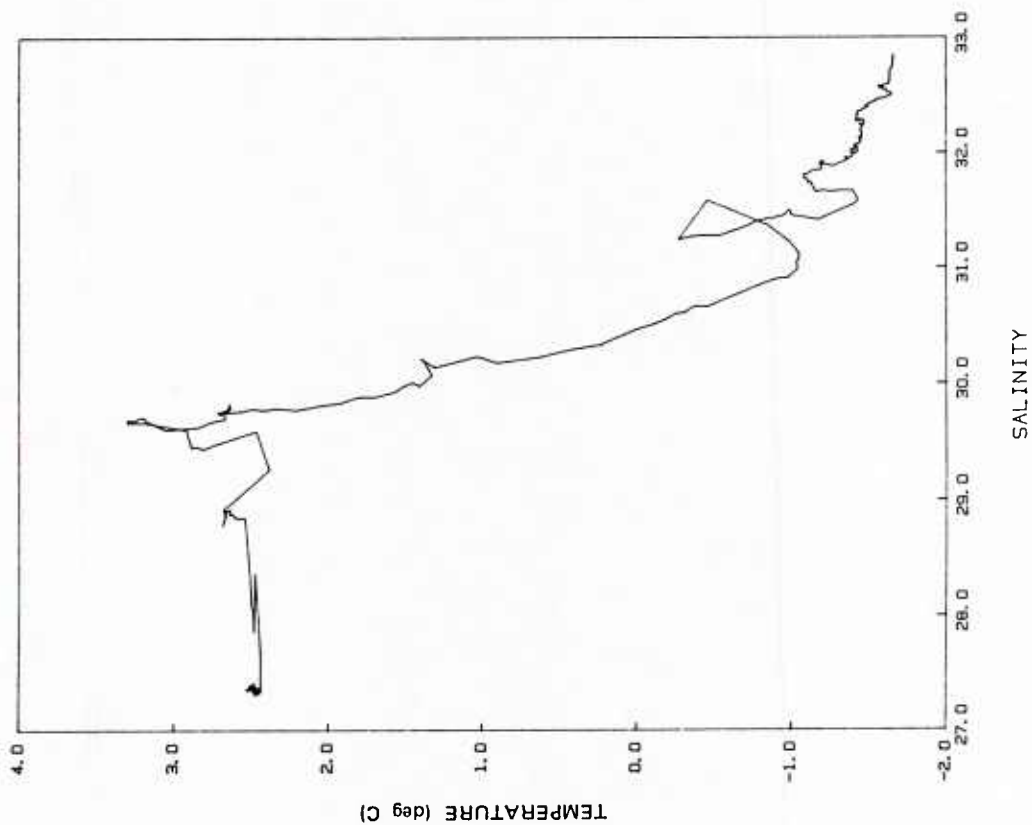
CAST # 42 DOWN  
 LAT 71 41.3 N  
 LON 155 35.9 W  
 DATE 08-02-1985  
 TIME 19:59:43  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



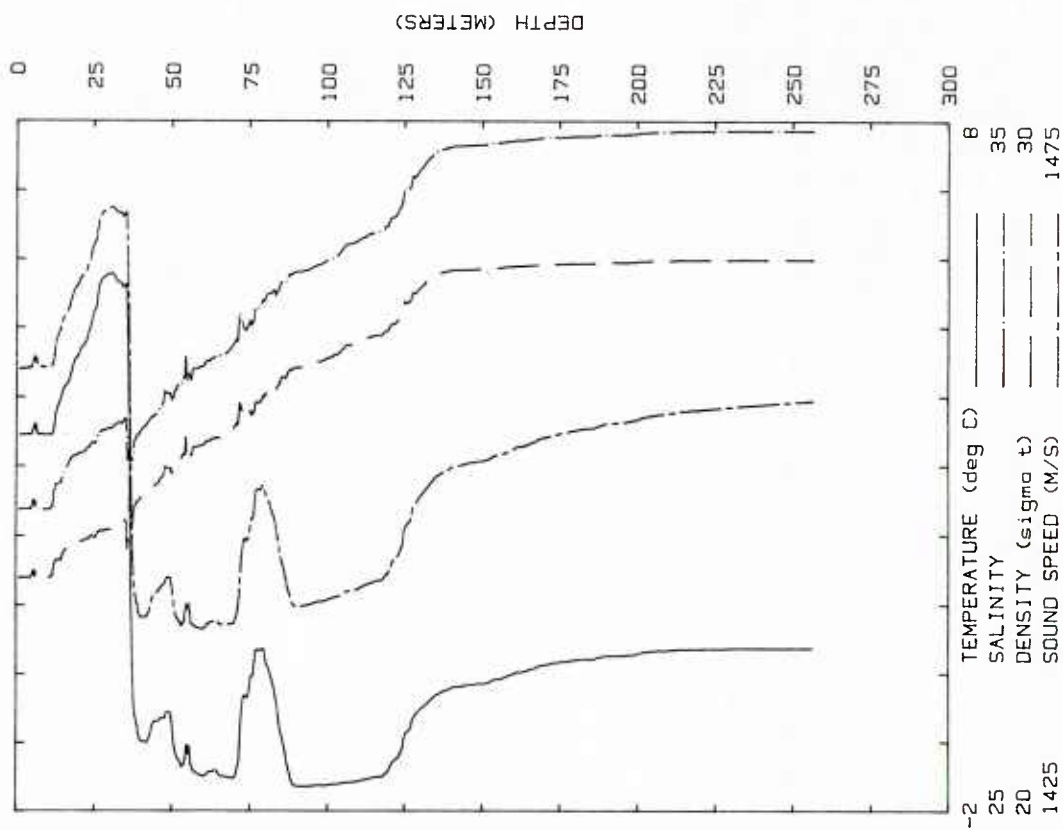
CAST# 42 DOWN  
 DATE: 85/08/02  
 TIME: 19:59:43  
 LAT: 71 41.3 N  
 LON: 155 35.9 W

# MIZPAC 85 TS CURVE



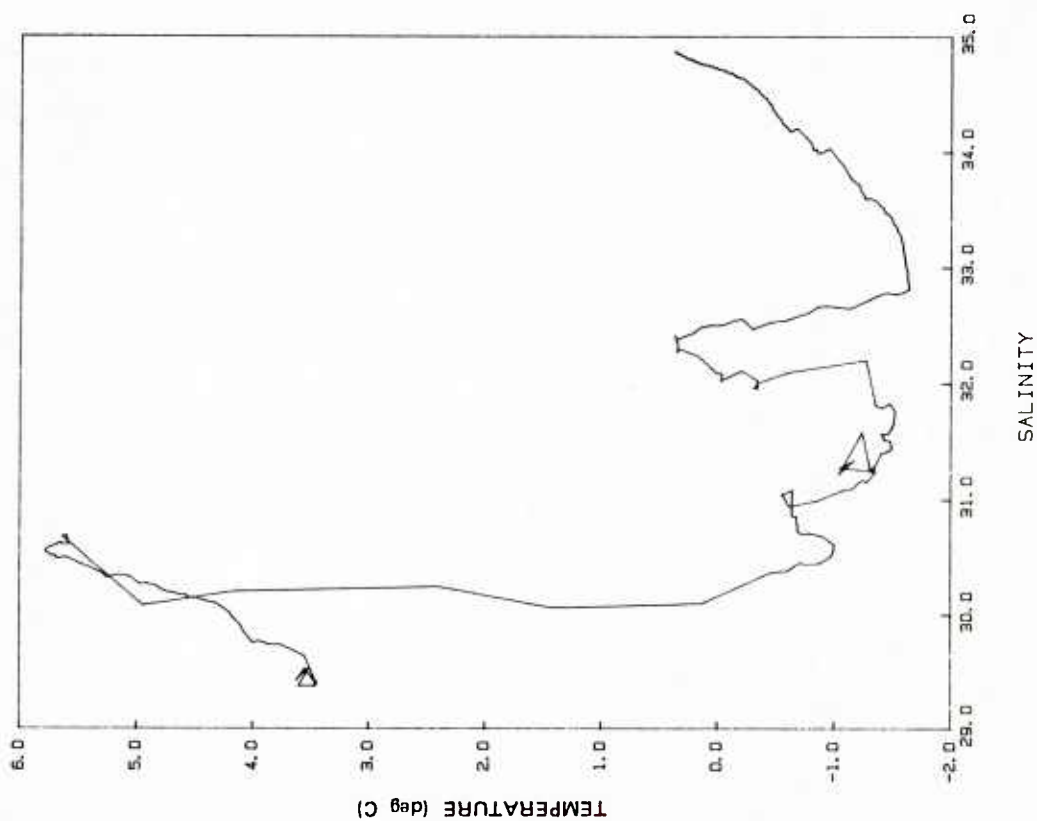
CAST # 43 DOWN  
 LAT 71 44.4 N  
 LON 155 08.5 W  
 DATE 09-02-1985  
 TIME 21:20:59  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



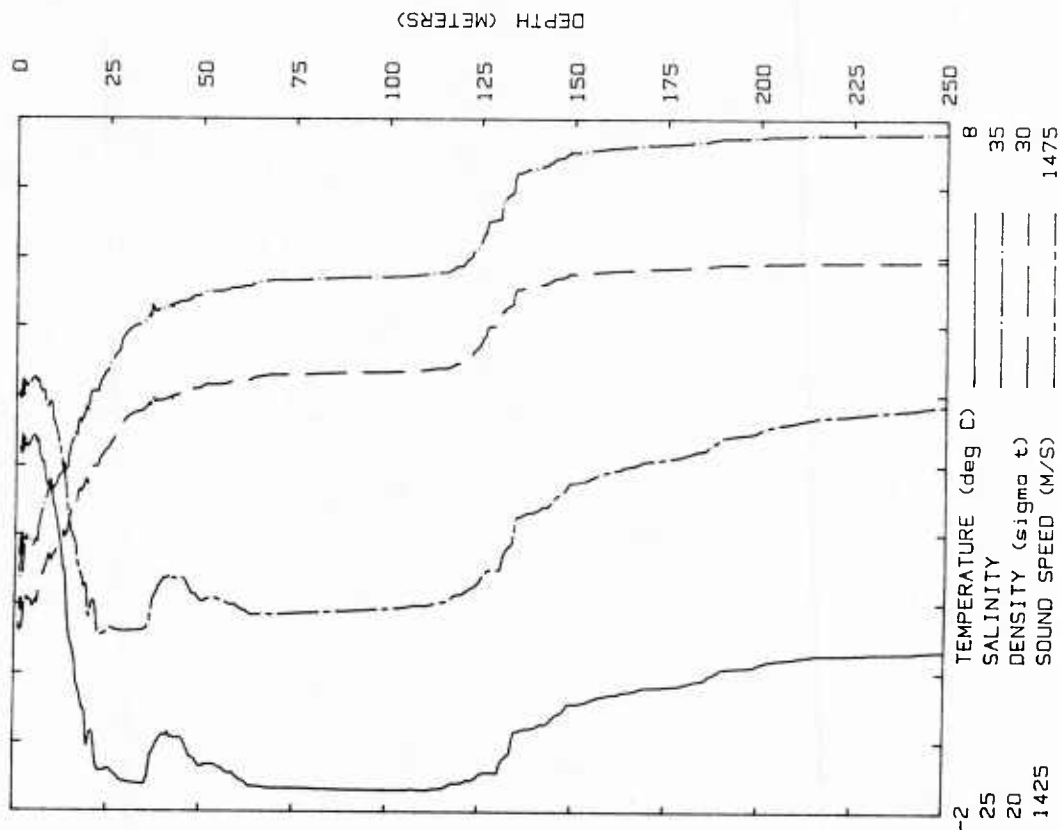
CAST# 43 DOWN  
 DATE: 85/09/02  
 TIME: 21:20:59  
 LAT: 71 44.4 N  
 LON: 155 08.5 W

# MIZPAC 85 TS CURVE



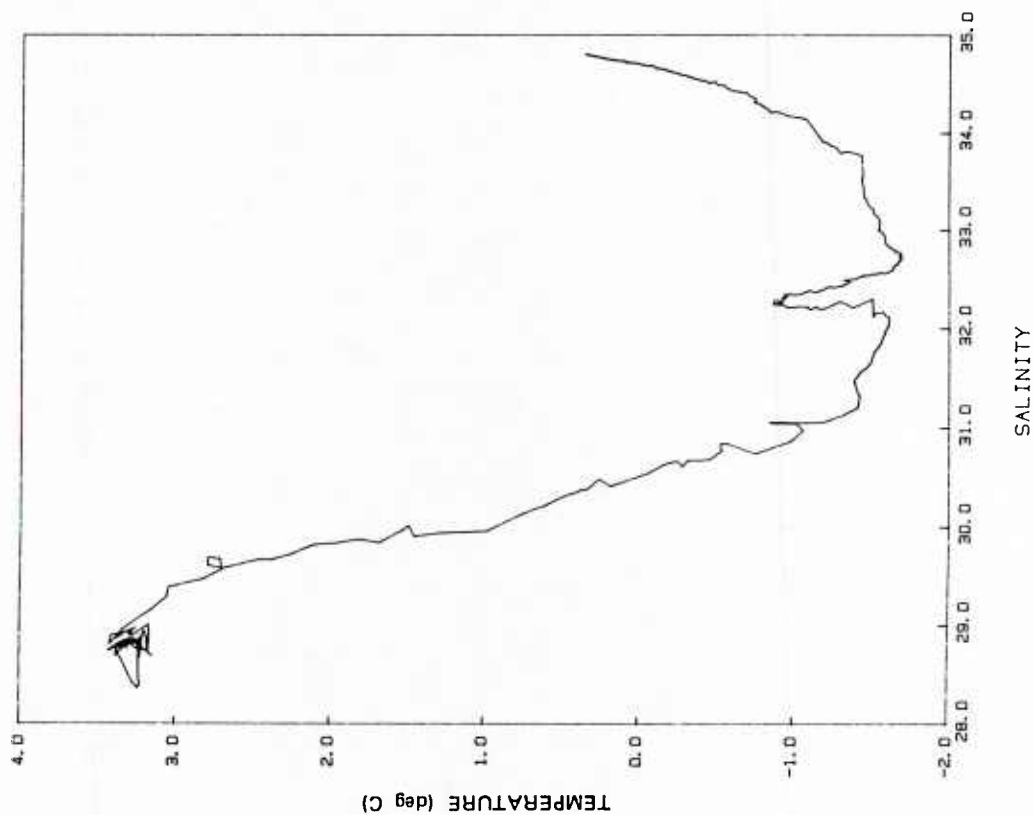
CAST # 44 DOWN  
 LAT 71 55.6 N  
 LON 155 01.3 W  
 DATE 09-02-1985  
 TIME 23:51:10  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



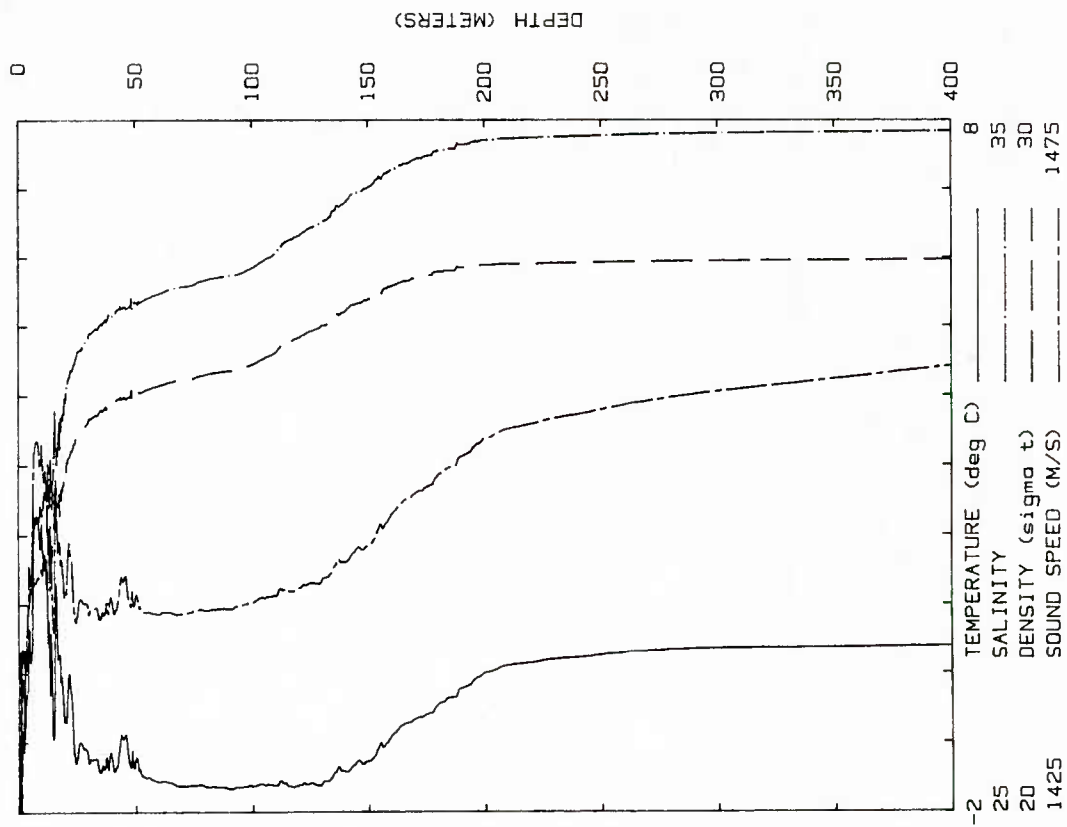
CAST# 44 DOWN  
 DATE, 85/08/02  
 TIME, 23:51:10  
 LAT, 71 55.6 N  
 LON, 155 01.3 W

# MIZPAC 85 TS CURVE



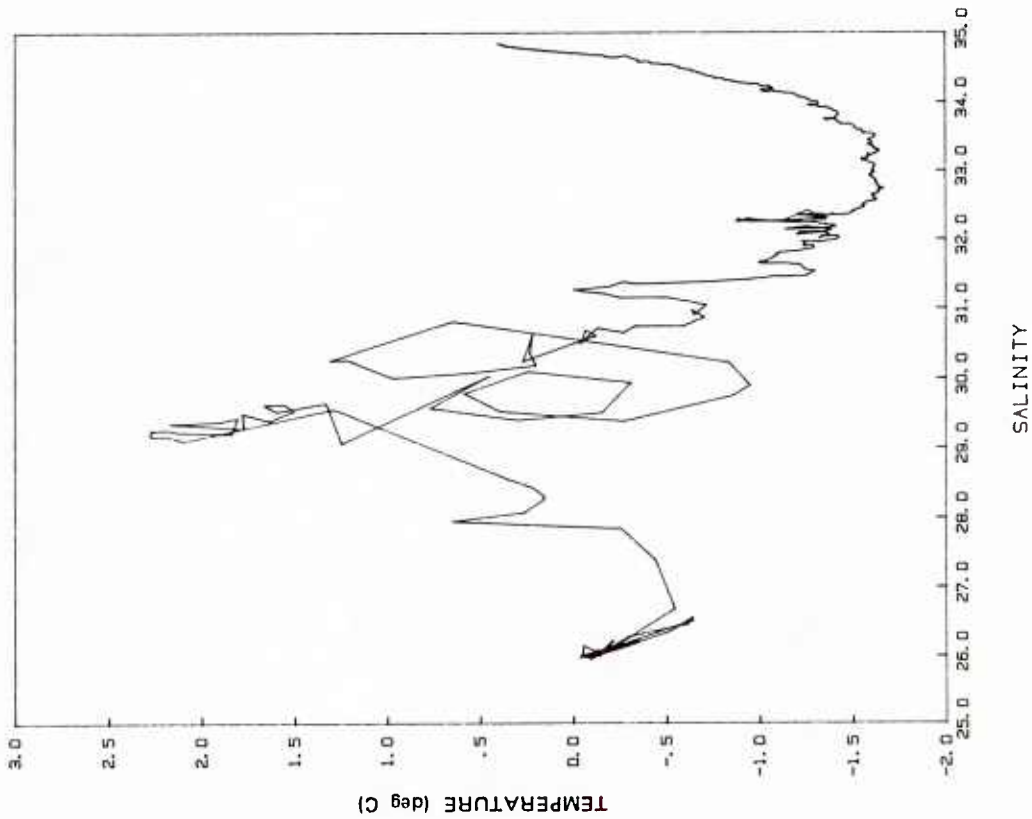
CAST # 45 DOWN  
 LAT 72 03.9 N  
 LON 154 53.9 W  
 DATE 09-03-1985  
 TIME 01:09:21  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST # 45 DOWN  
 DATE: 85/08/03  
 TIME: 01:09:21  
 LAT: 72 03.9 N  
 LON: 154 53.9 W

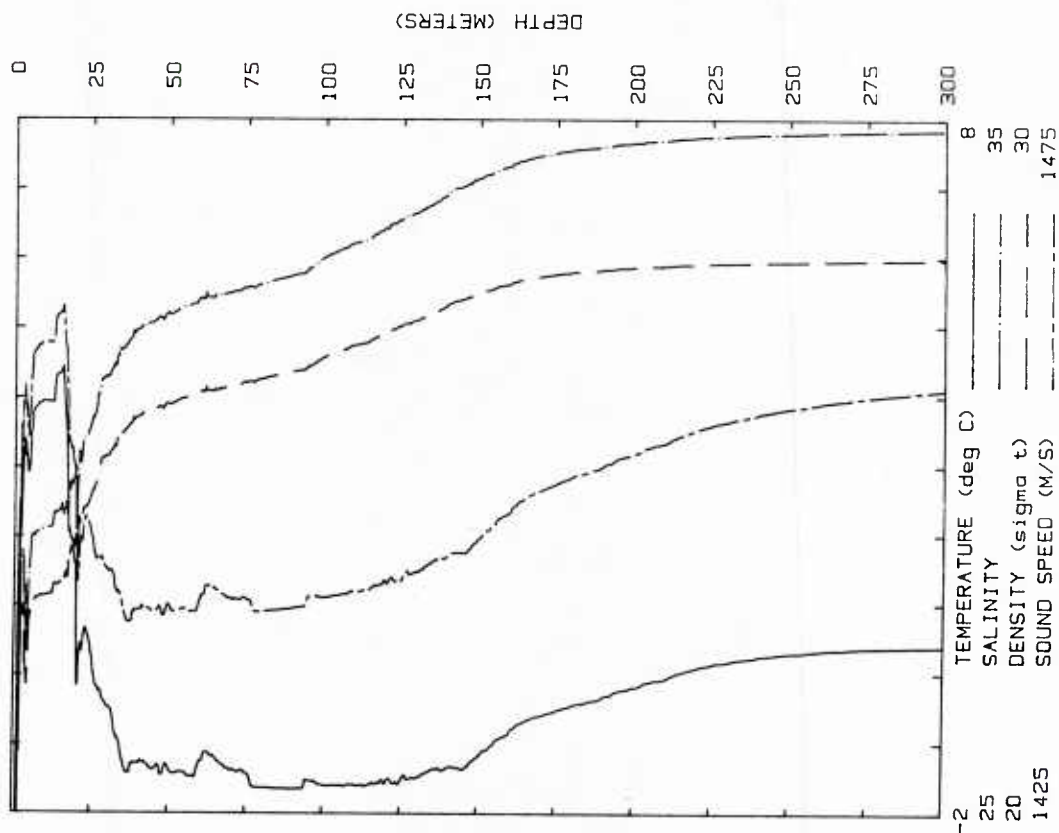
# MIZPAC 85 TS CURVE





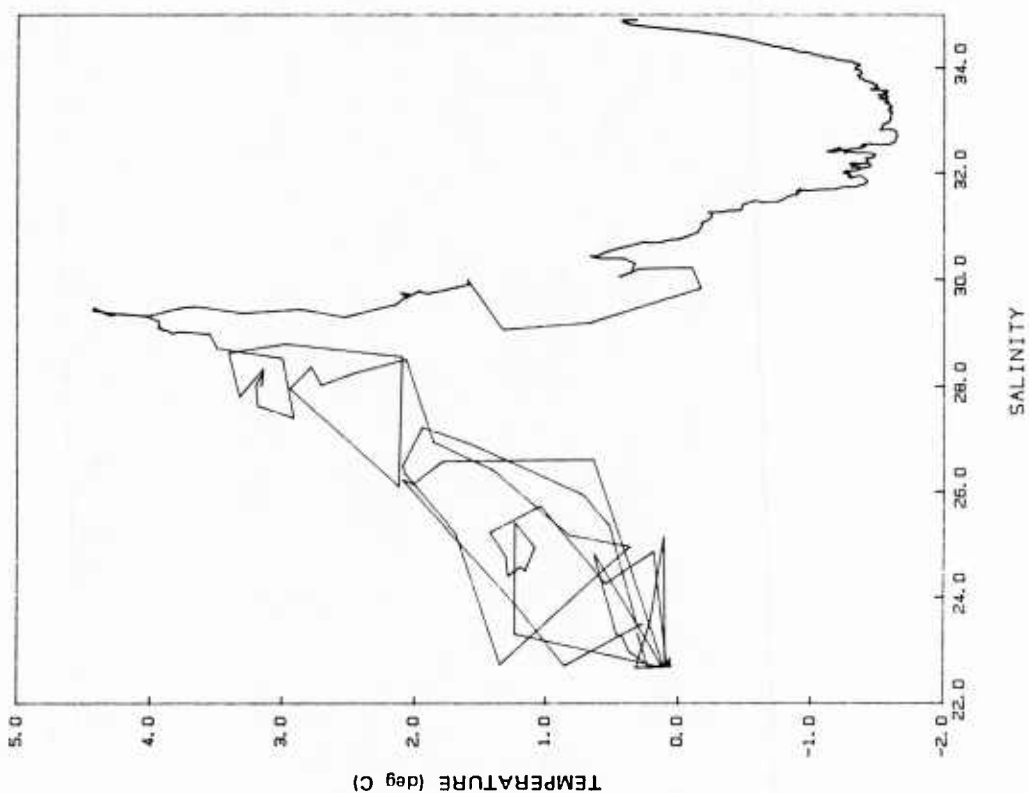
CAST # 46 DOWN  
 LAT 72 13.5 N  
 LON 154 46.1 W  
 DATE 09-03-1985  
 TIME 02:54:26  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



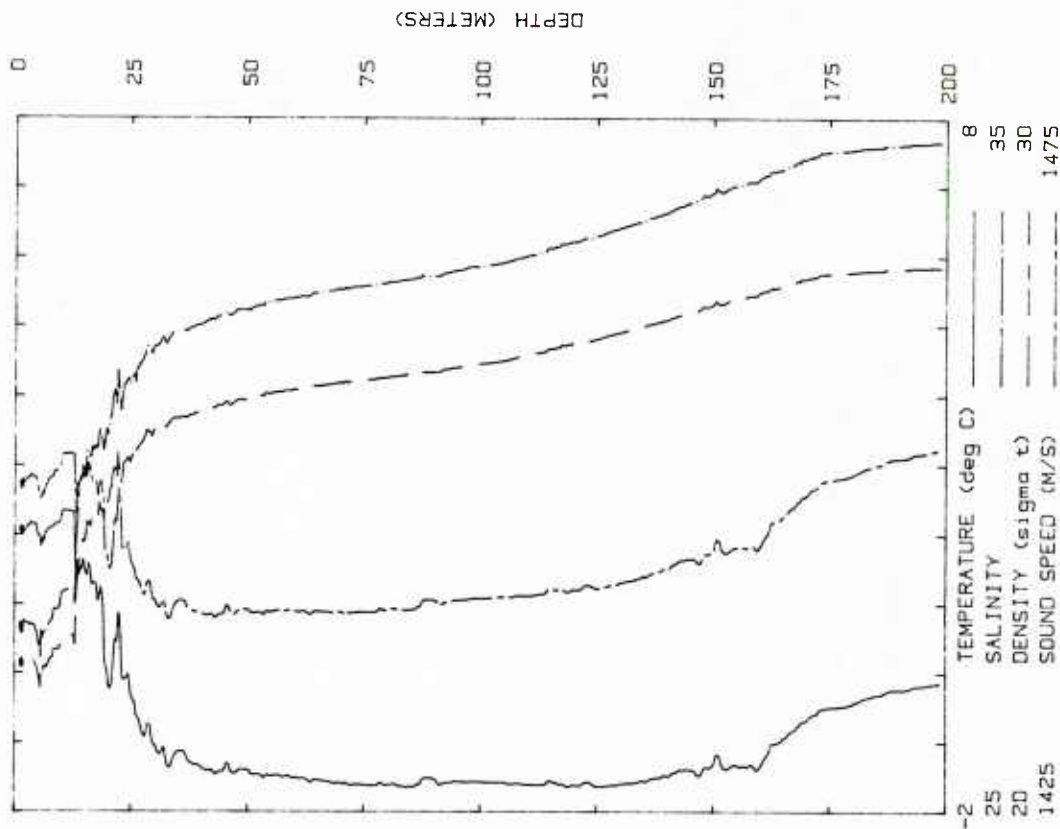
CAST# 46 DOWN  
 DATE: 85/09/03  
 TIME: 02:54:26  
 LAT: 72 13.5 N  
 LON: 154 46.1 W

# MIZPAC 85 TS CURVE



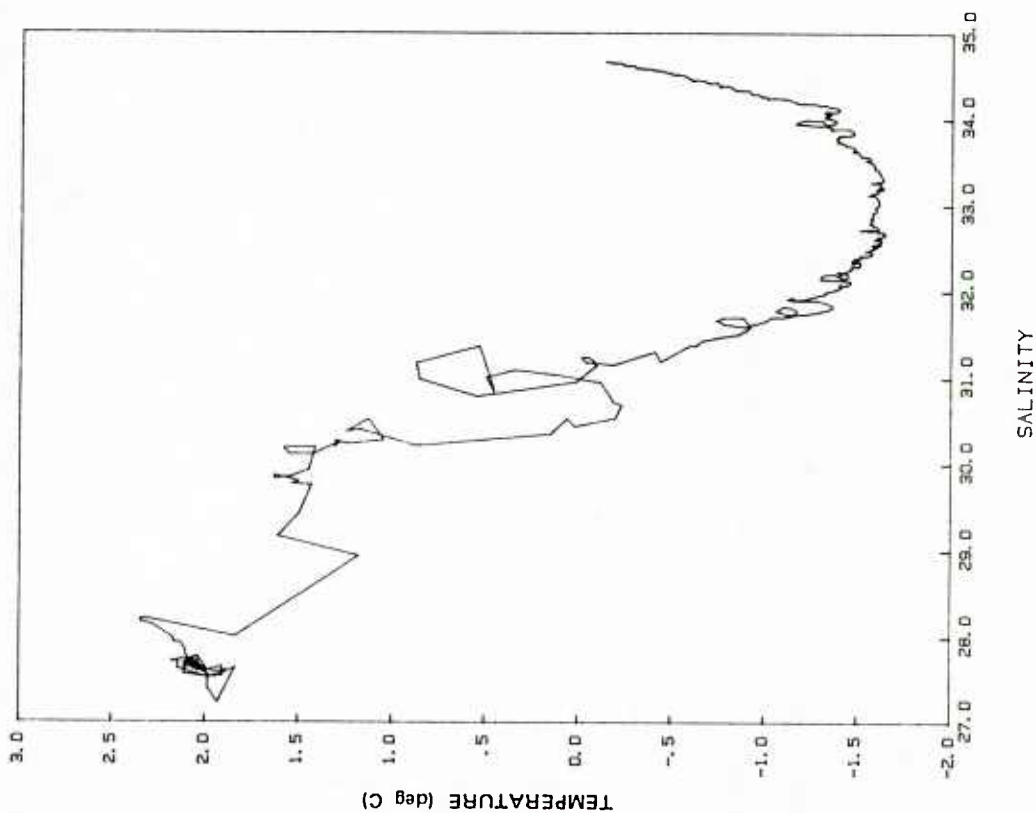
CAST # 47 DOWN  
 LAT 72 04.1 N  
 LON 155 36.6 W  
 DATE 09-03-1985  
 TIME 05:31:26  
 SENSOR NEIL BROWN  
 MODEL NO. 111  
 NUMBER 01-2304-1

# MIZPAC 85 CTD PROFILE



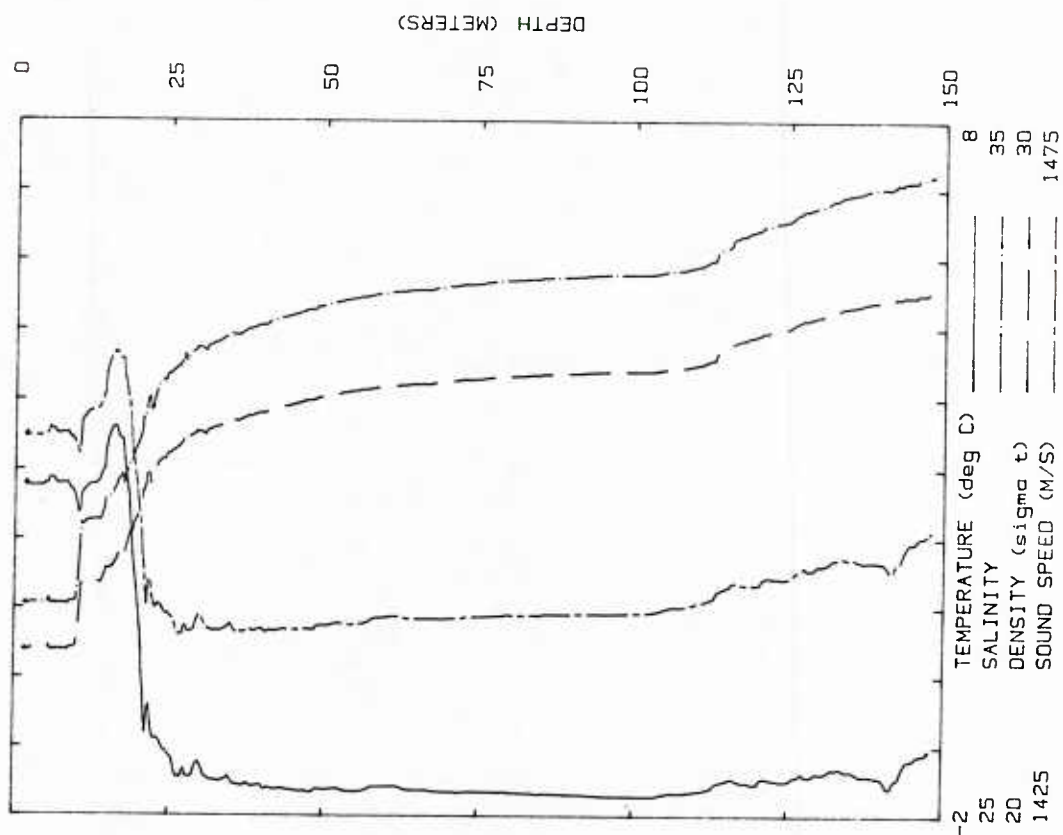
# MIZPAC 85 TS CURVE

CAST# 47 DOWN  
 DATE: 85/09/03  
 TIME: 05:31:26  
 LAT: 72 04.1 N  
 LON: 155 36.6 W



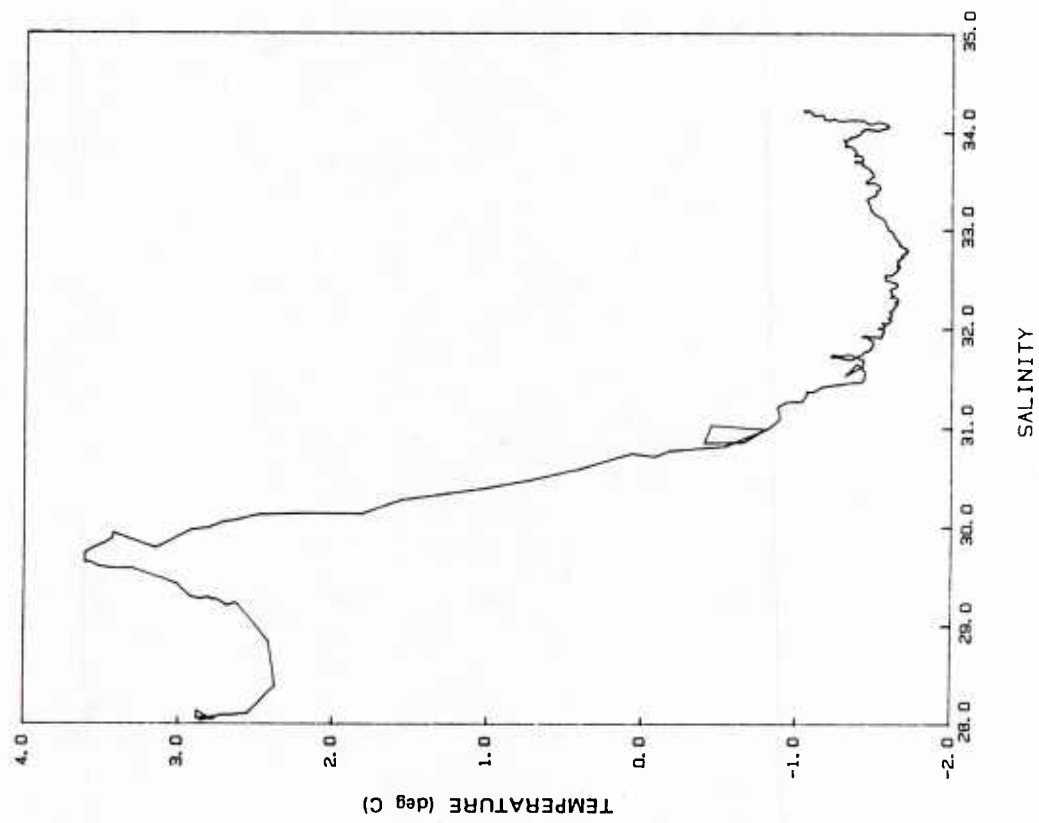
CASE # 48 DOWN  
 LAT 72 01.9 N  
 LON 155 29.6 W  
 DATE 09-03-1985  
 TIME 06:49:46  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



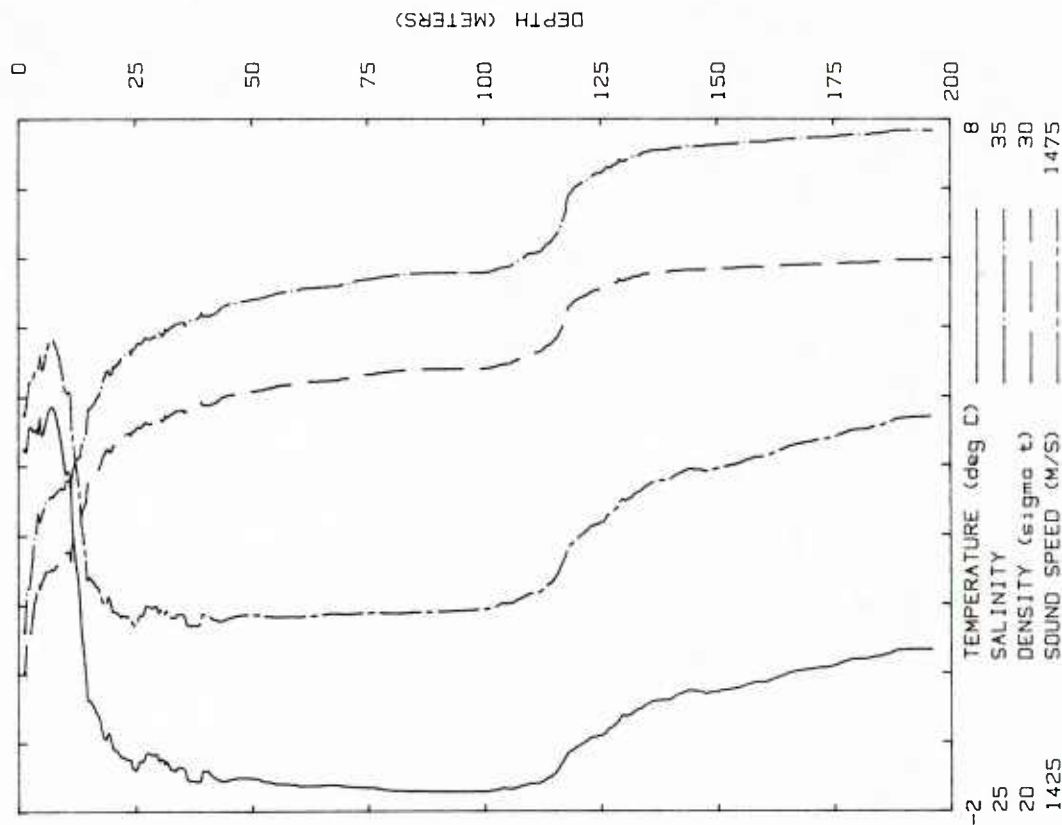
CASE # 48 DOWN  
 DATE 05/09/03  
 TIME 06:49:46  
 LAT 72 01.9 N  
 LON 155 29.6 W

# MIZPAC 85 TS CURVE



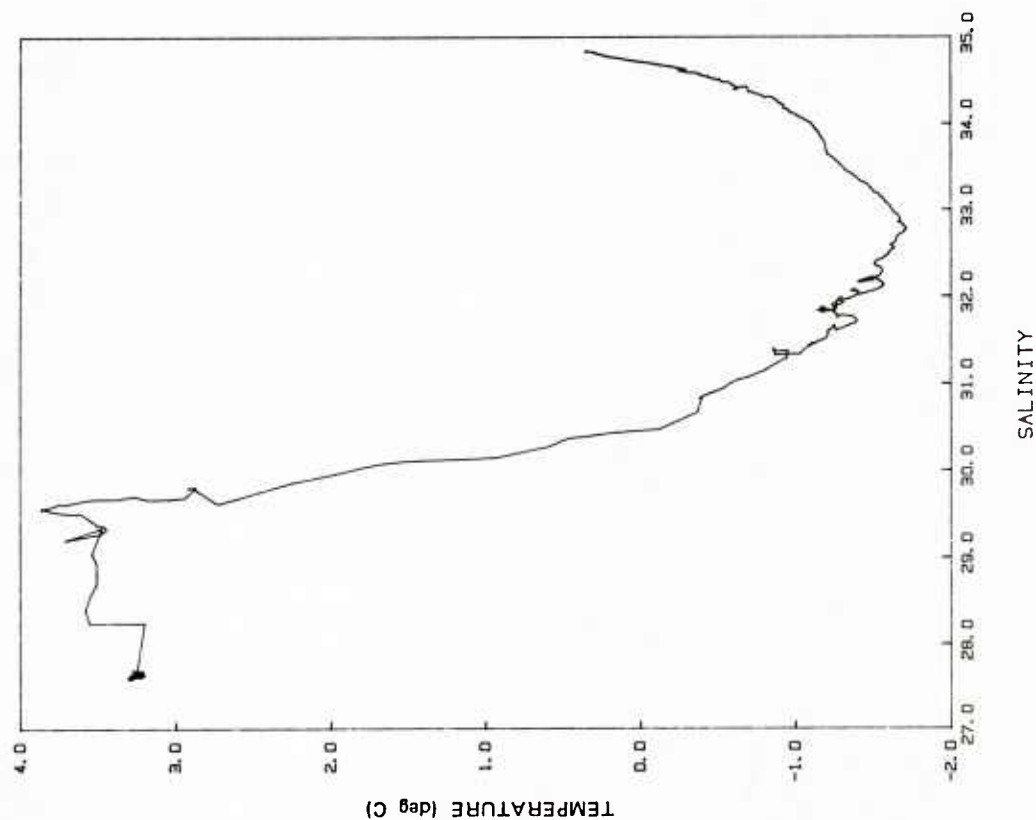
CAST # 49 DOWN  
 LAT 71 58.1  
 LON 155 26.6 V  
 DATE 09-03-1985  
 TIME 08:12:50  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



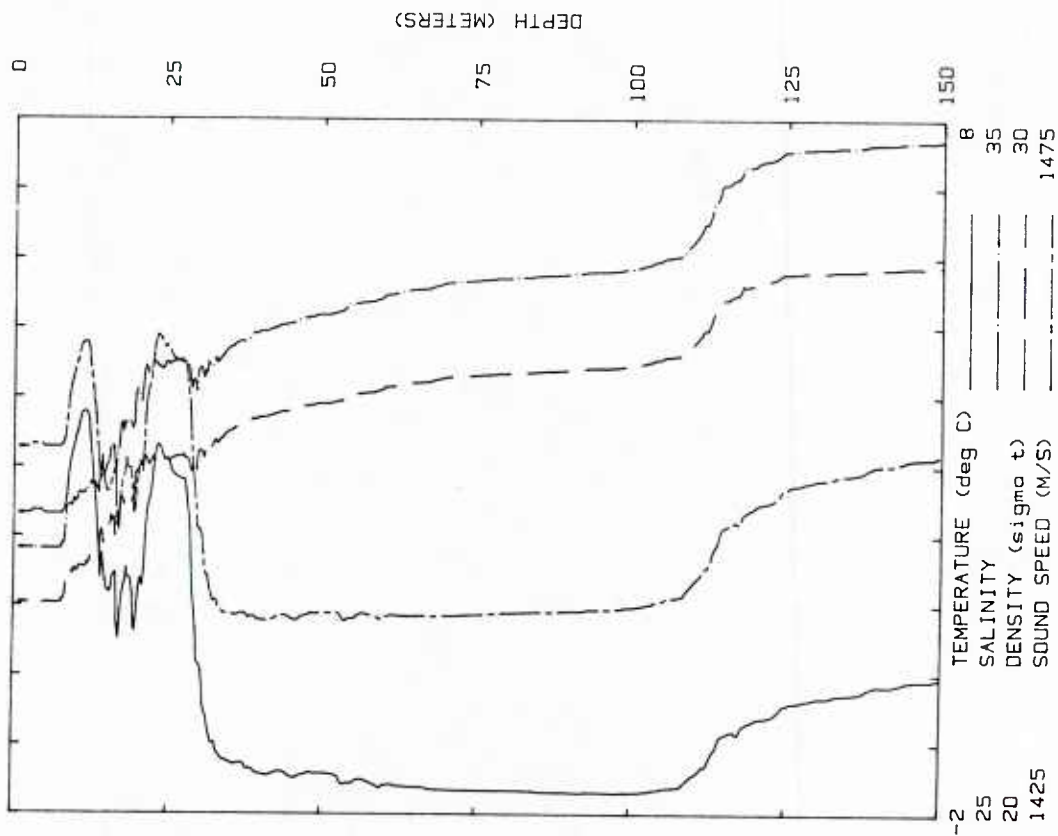
CAST# 49 DOWN  
 DATE: 85/09/03  
 TIME: 08:12:50  
 LAT: 71 58.1  
 LON: 155 26.6 V

# MIZPAC 85 TS CURVE



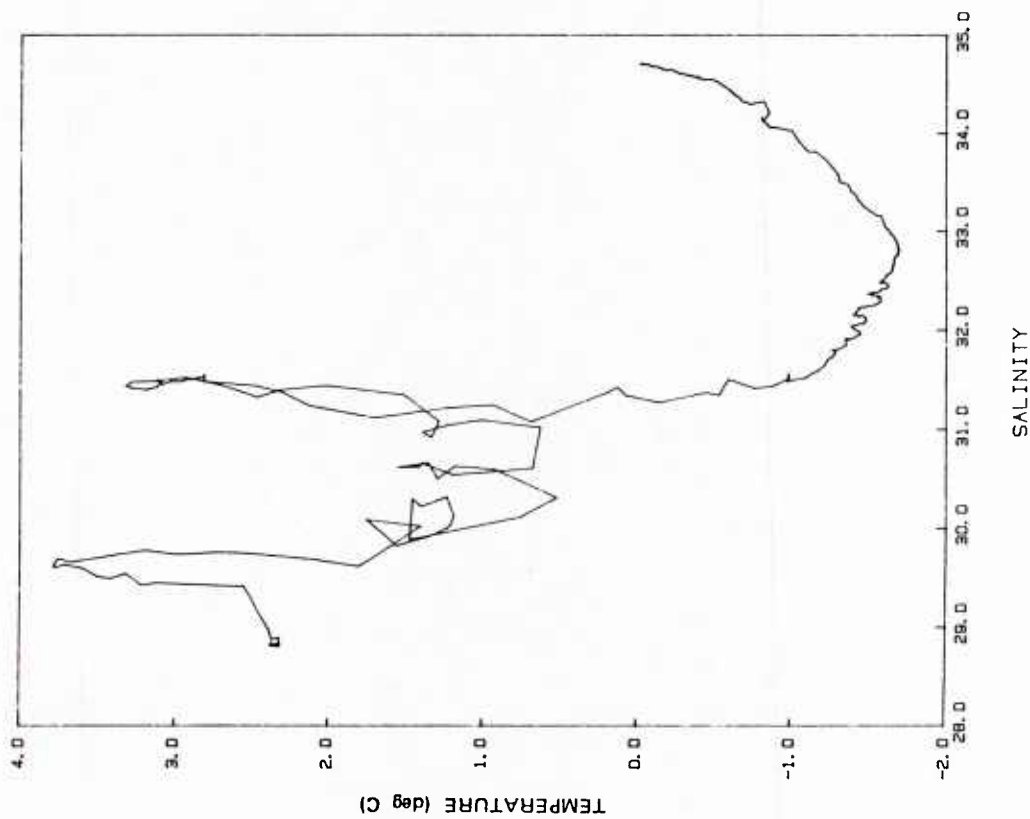
CAST # 50 DOWN  
 LAT 71 56.7 N  
 LON 155 23.4 W  
 DATE 09-03-1985  
 TIME 09:20:22  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



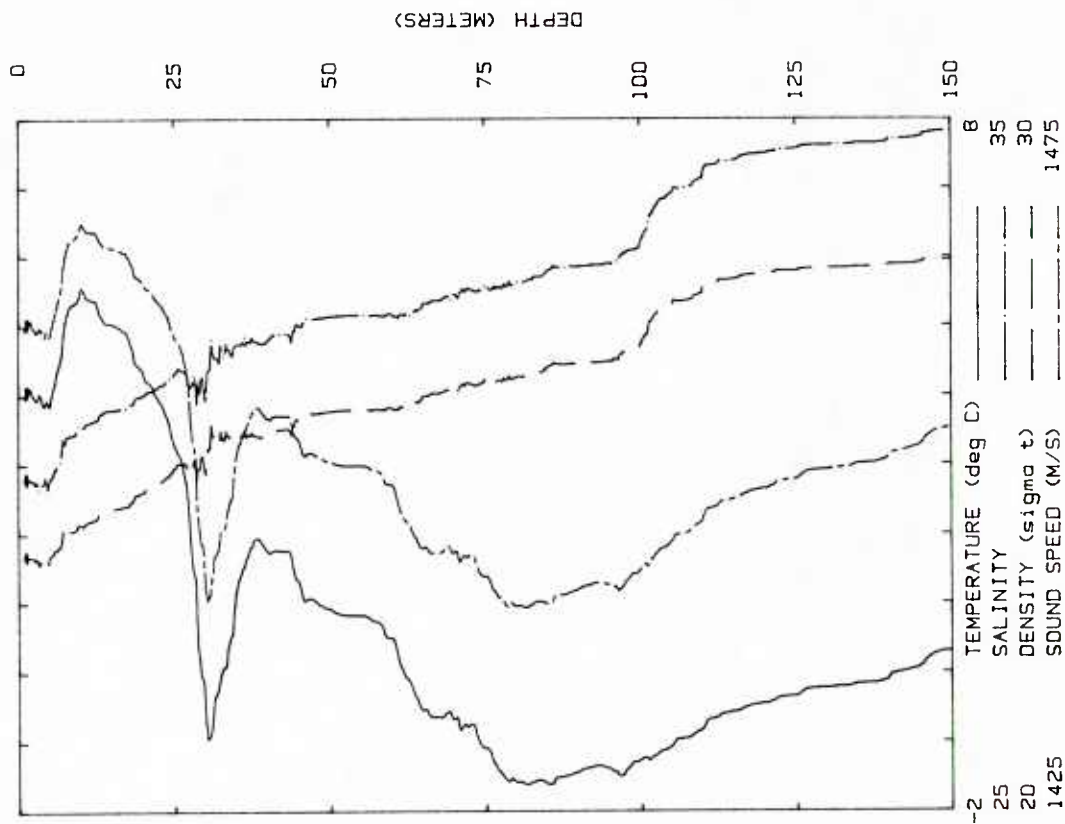
CAST# 50 DOWN  
 DATE: 85/09/03  
 TIME: 09:20:22  
 LAT: 71 56.7 N  
 LON: 155 23.4 W

# MIZPAC 85 TS CURVE



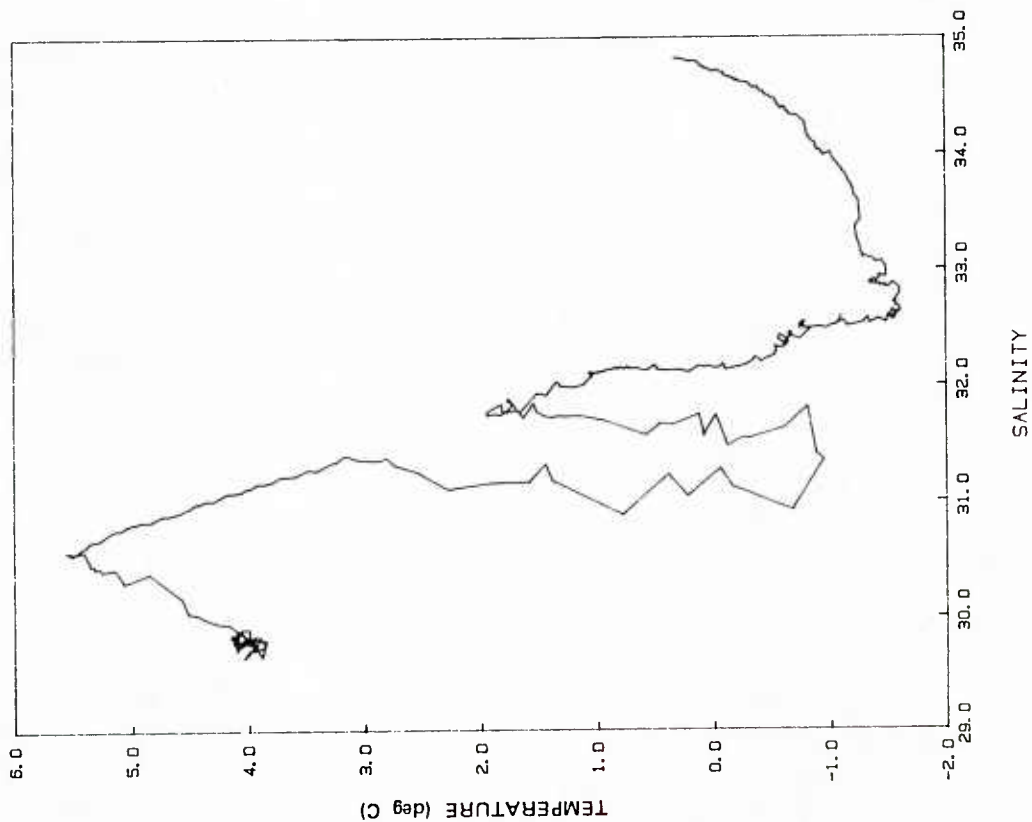
CAST # 51 DOWN  
 LAT 71 53.5 N  
 LON 155 18.8 W  
 DATE 08-03-1985  
 TIME 10:43:57  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST# 51 DOWN  
 DATE: 08/09/03  
 TIME: 10:43:57  
 LAT: 71 53.5 N  
 LON: 155 18.8 W

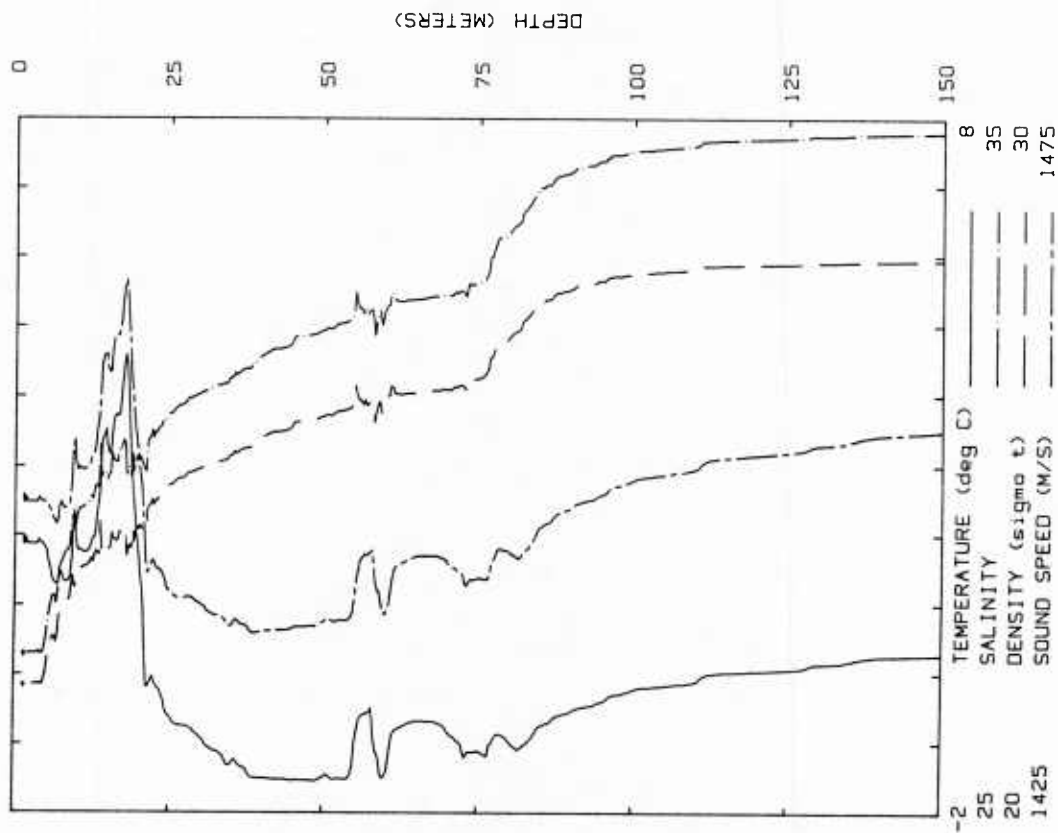
# MIZPAC 85 TS CURVE





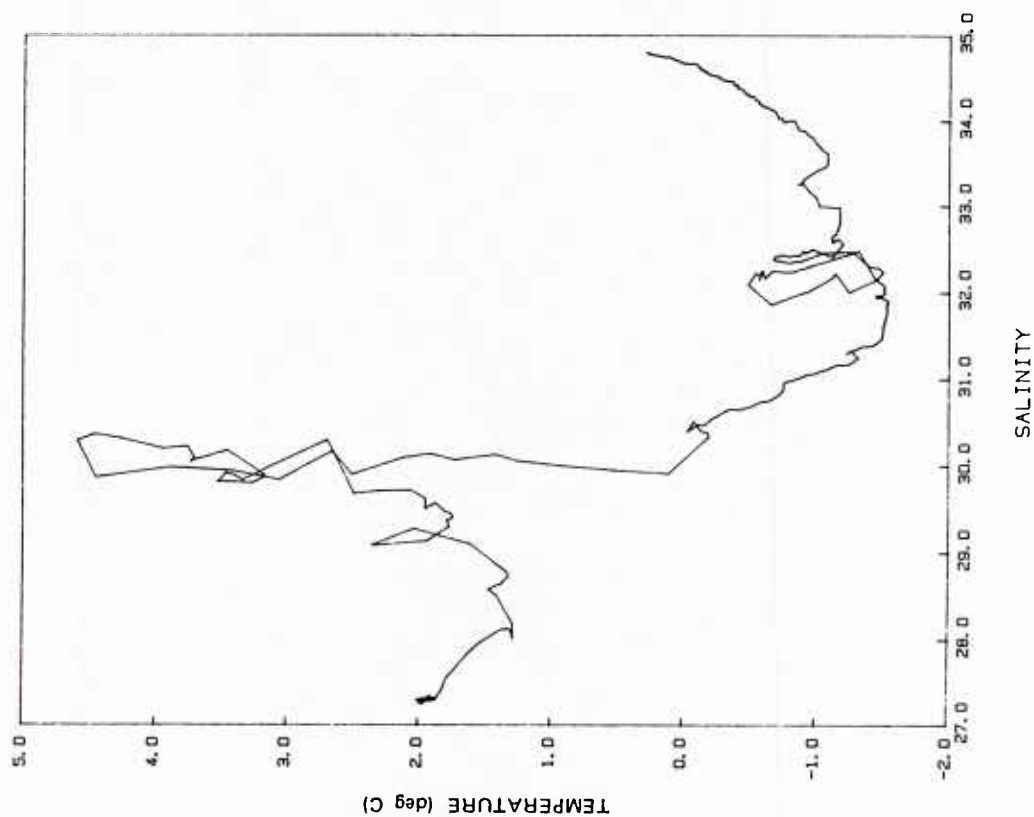
CAST # 52 DOWN  
LAT 71 50.3 N  
LON 155 14.7 W  
DATE 09-03-1985  
TIME 11:49:58  
SENSOR NEIL BROWN  
MODEL MK 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



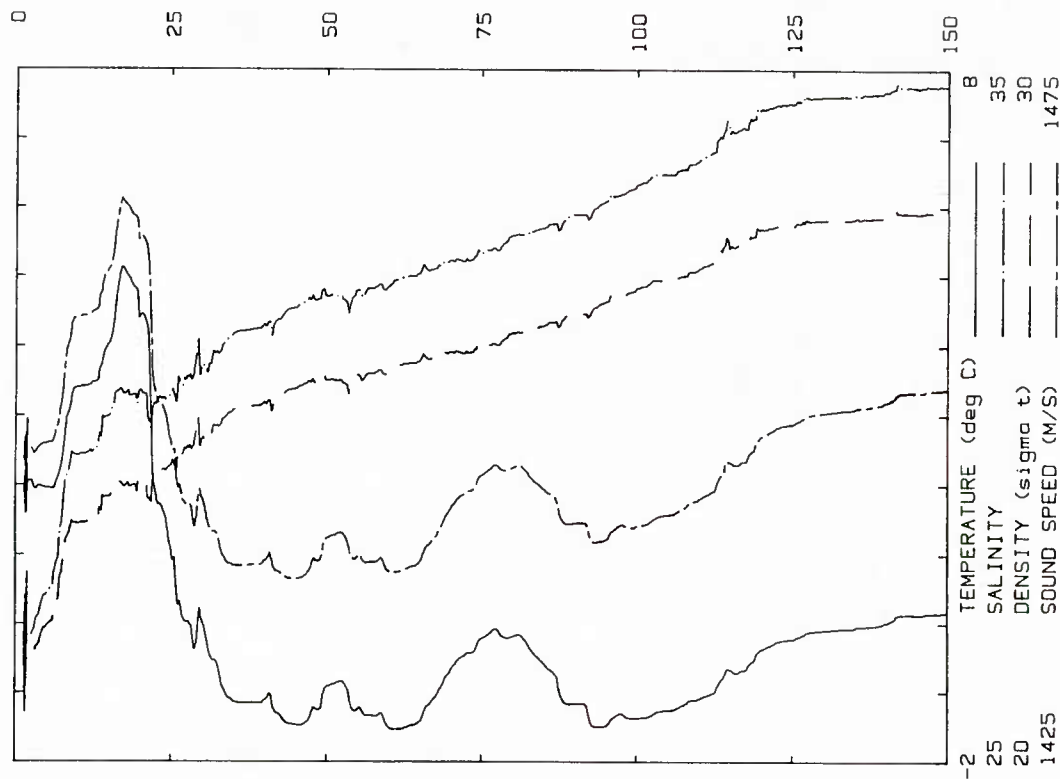
# MIZPAC 85 TS CURVE

CAST# 52 DOWN  
DATE, 85/09/03  
TIME, 11:49:58  
LAT, 71 50.3 N  
LON, 155 14.7 W



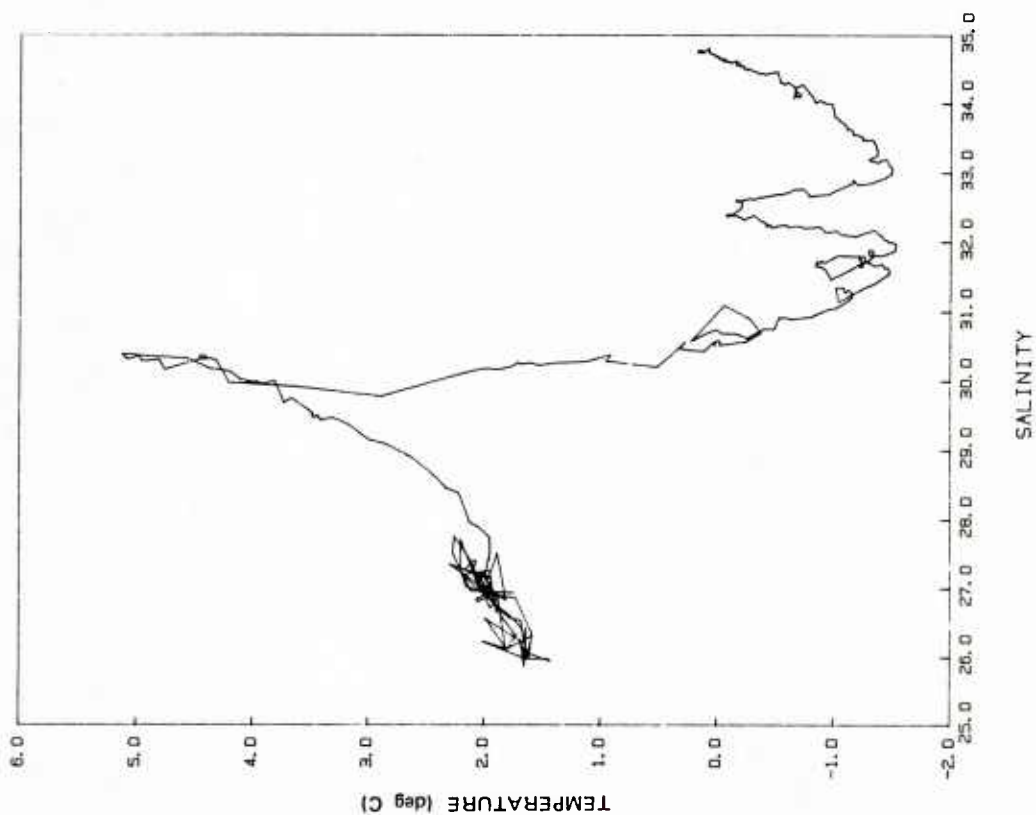
CAST # 53 DOWN  
 LAT 71 47.6 N  
 LON 155 11.1 W  
 DATE 09-03-1985  
 TIME 12:51:03  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



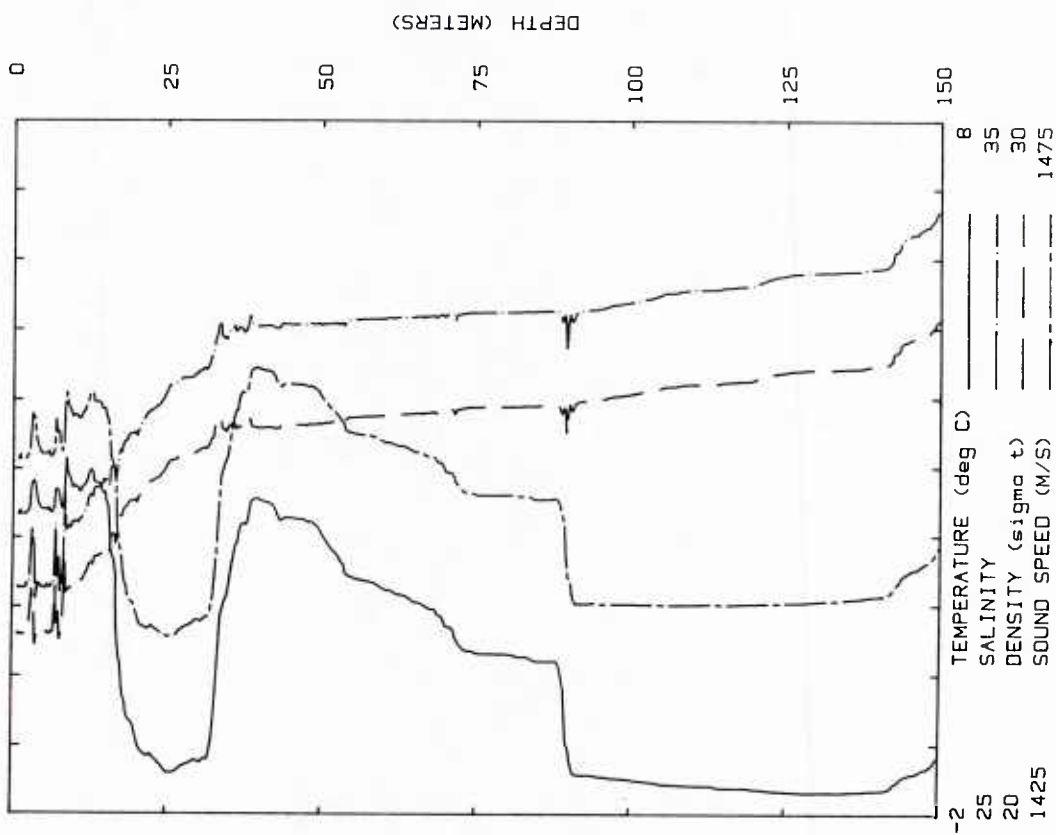
CAST# 53 DOWN  
 DATE: 08/09/03  
 TIME: 12:51:03  
 LAT: 71 47.6 N  
 LON: 155 11.1 W

# MIZPAC 85 TS CURVE



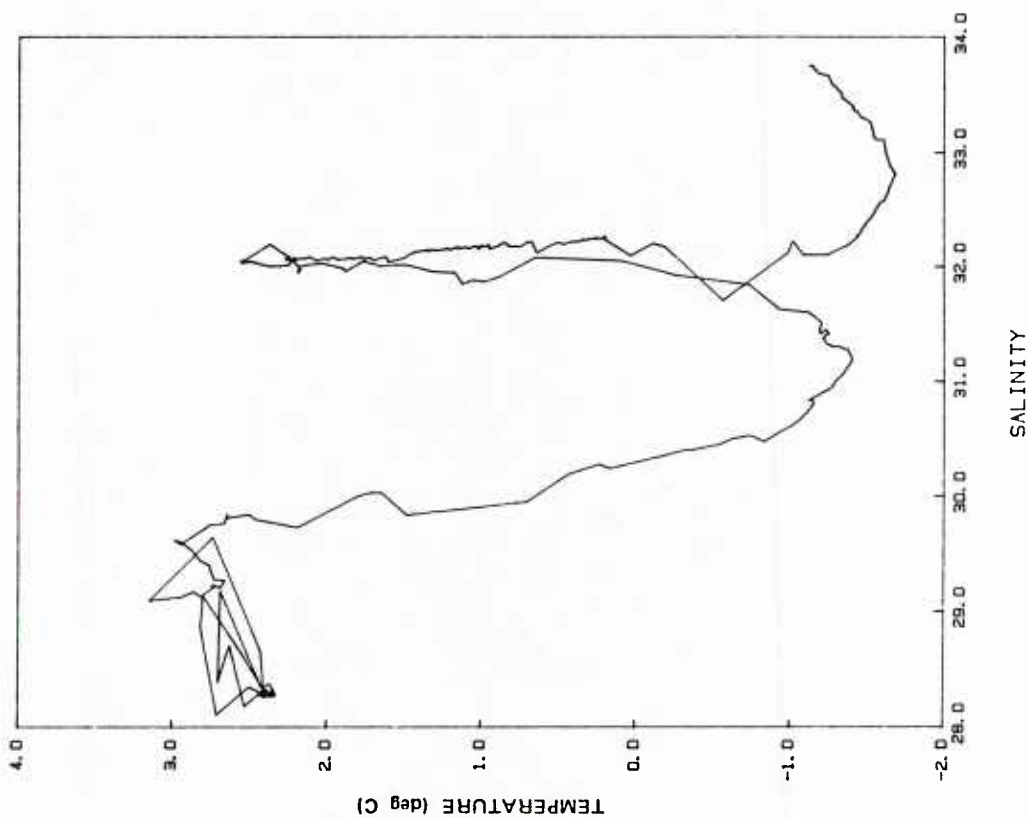
CAST # 54 DOWN  
 LAT 71 45.4 N  
 LON 155 04.9 W  
 DATE 09-03-1985  
 TIME 13:59:42  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



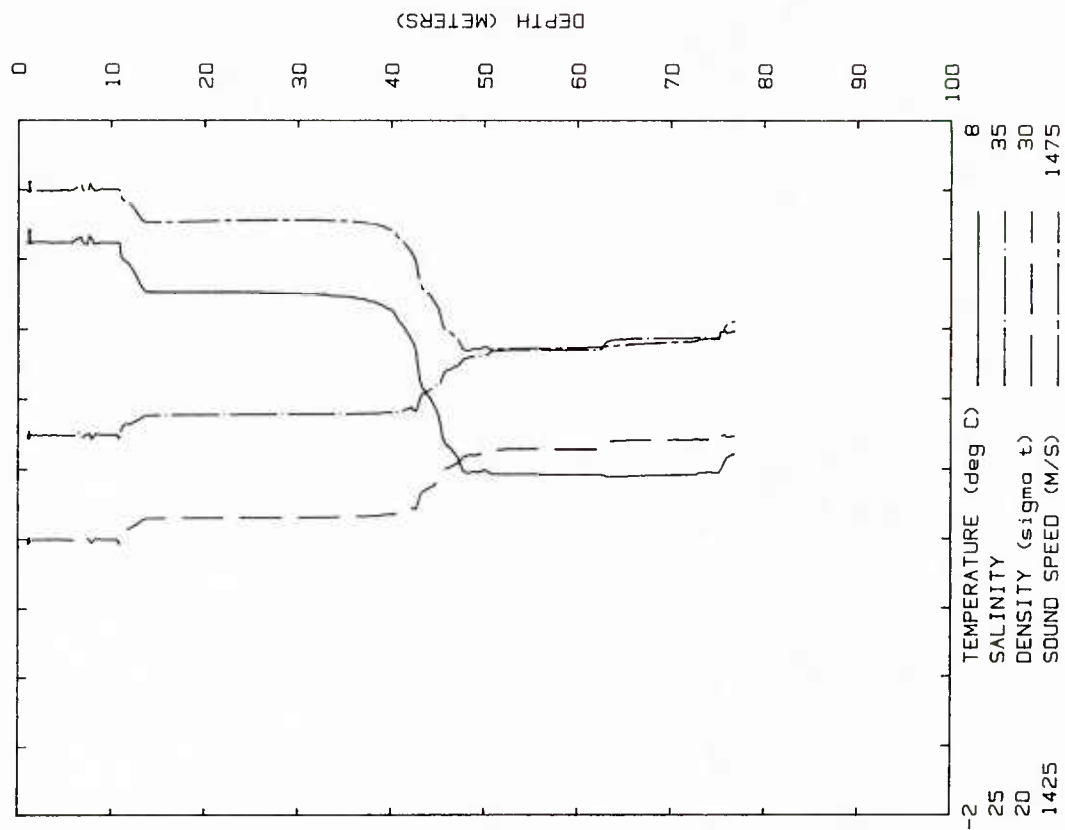
CAST# 54 DOWN  
 DATE: 09/03/85  
 TIME: 13:59:42  
 LAT: 71 45.4 N  
 LON: 155 04.9 W

# MIZPAC 85 TS CURVE



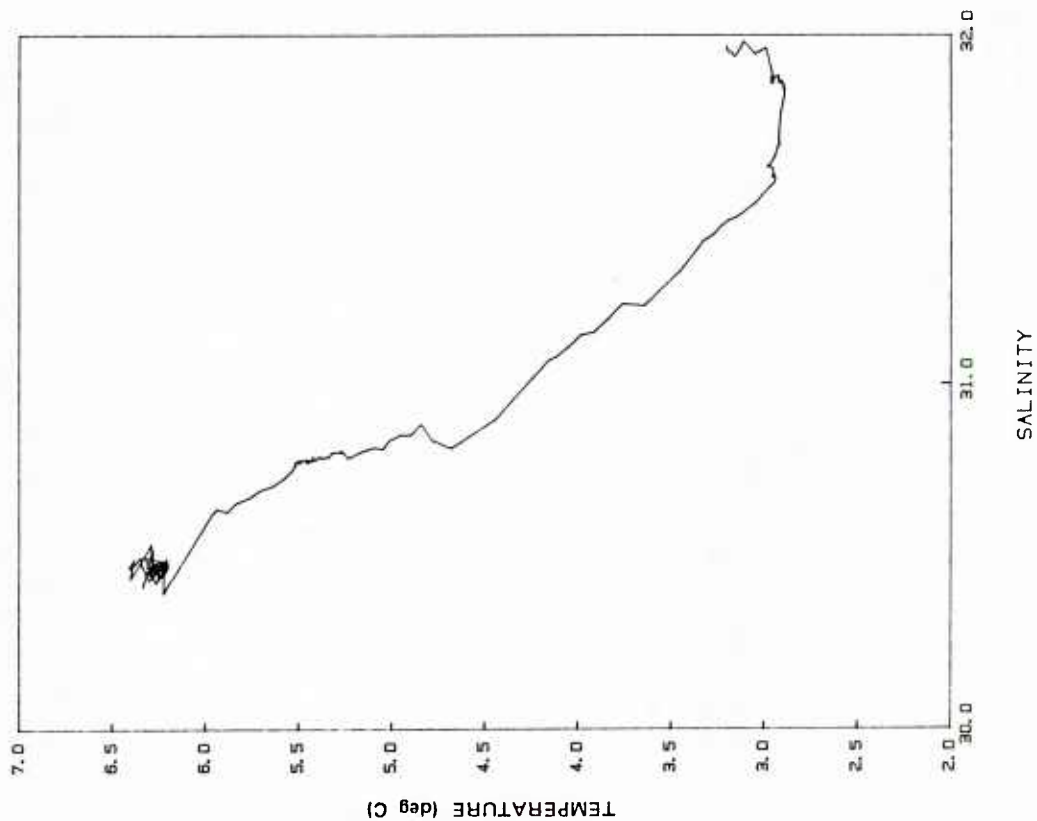
CAST # 56 DOWN  
 LAT 71 25.3 N  
 LON 156 47.0 W  
 DATE 09-04-1985  
 TIME 00:46:28  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



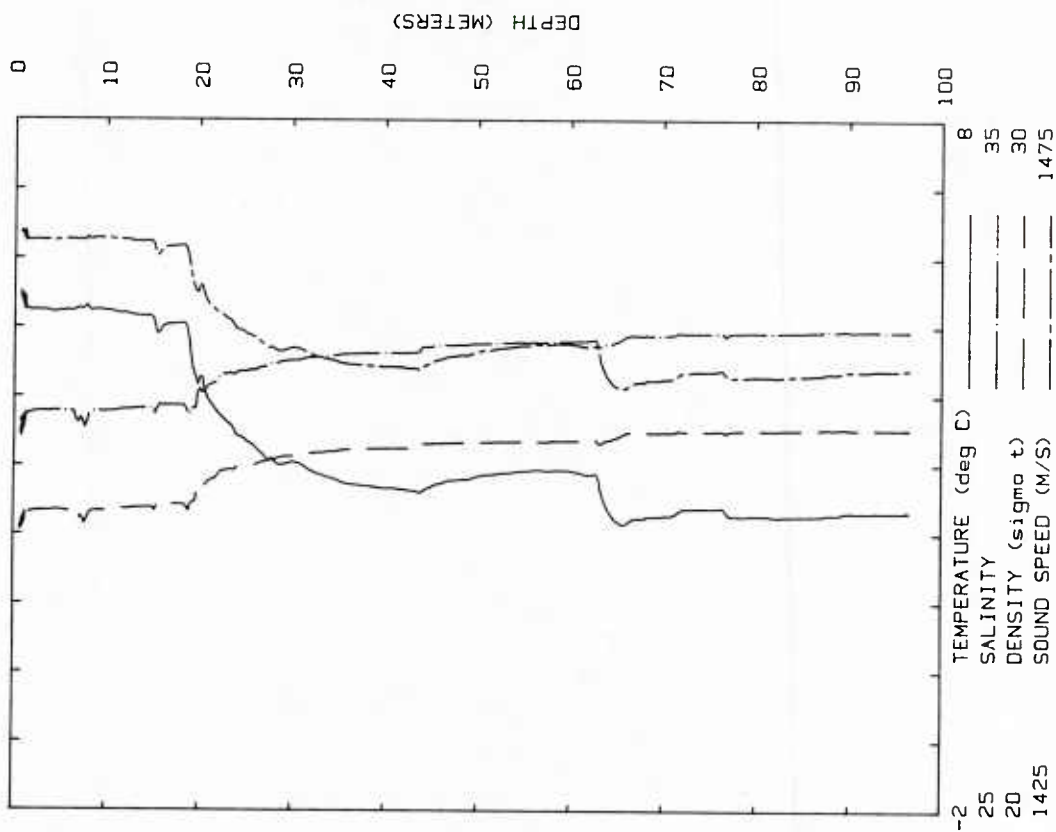
CAST# 56 DOWN  
 DATE: 85/09/04  
 TIME: 00:46:28  
 LAT: 71 25.3 N  
 LON: 156 47.0 W

# MIZPAC 85 TS CURVE



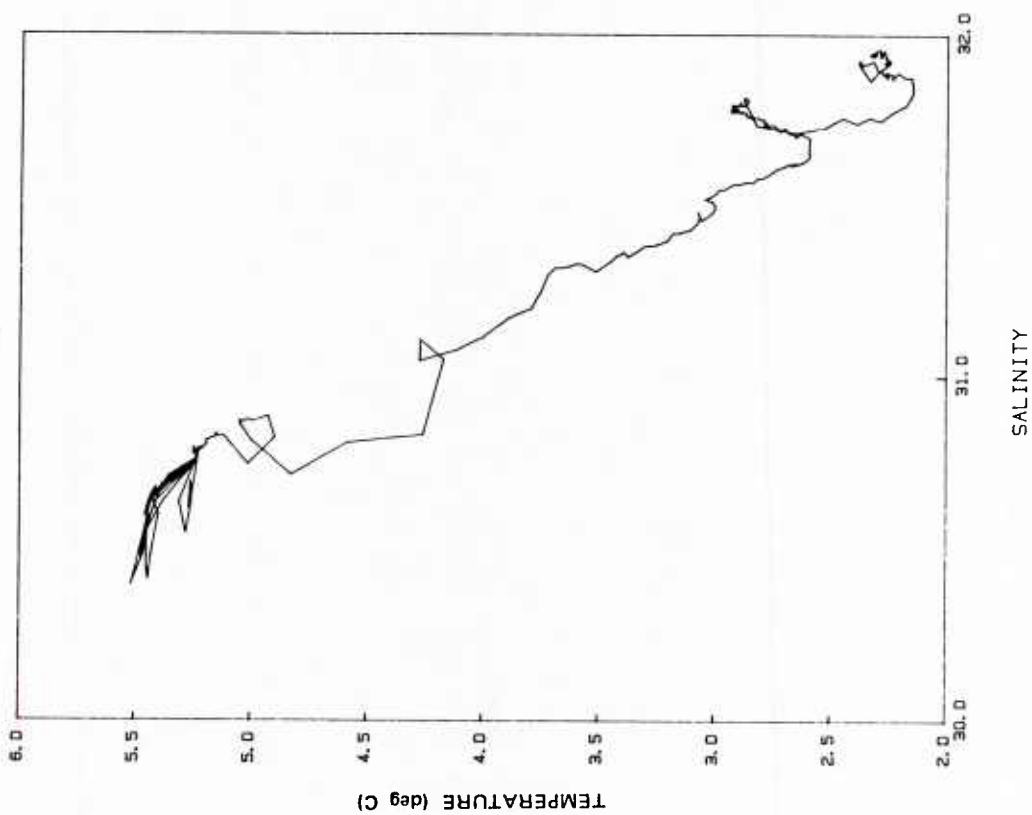
CAST # 55 DOWN  
 LAT 71 41.8 N  
 LON 155 03.8 W  
 DATE 09-03-1985  
 TIME 15:01:48  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



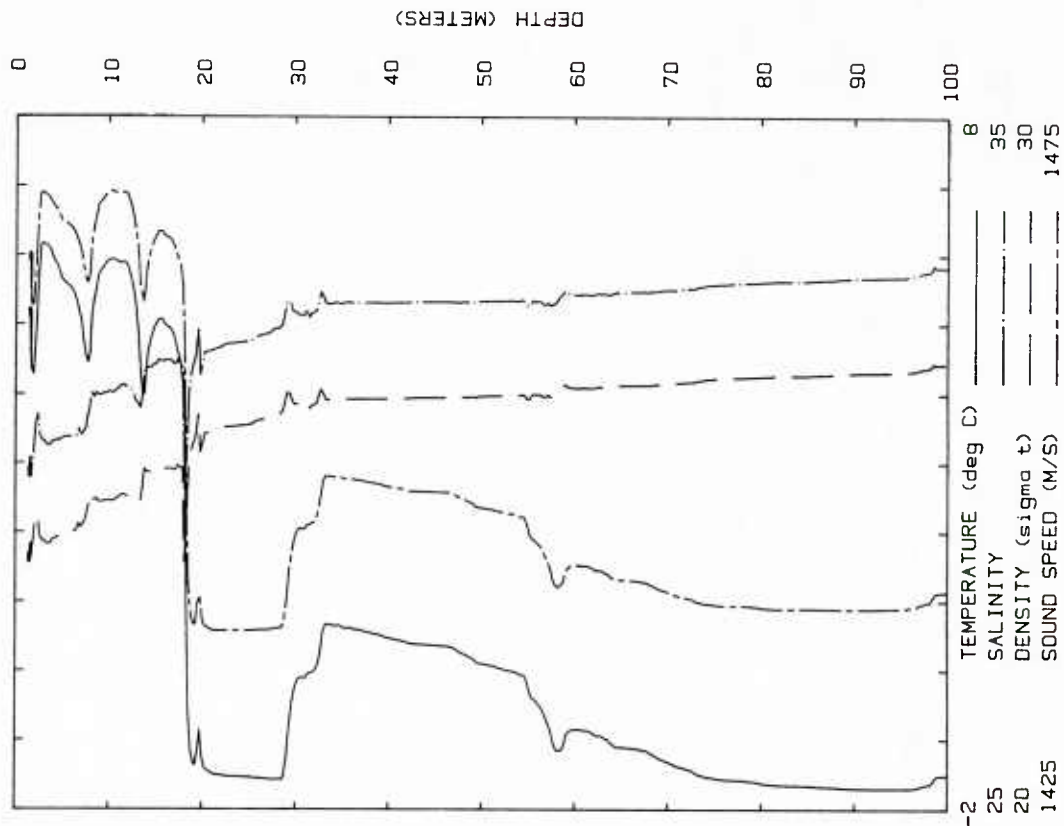
CAST# 55 DOWN  
 DATE, 85/08/03  
 TIME, 15:01:48  
 LAT, 71 41.8 N  
 LON, 155 03.8 W

# MIZPAC 85 TS CURVE



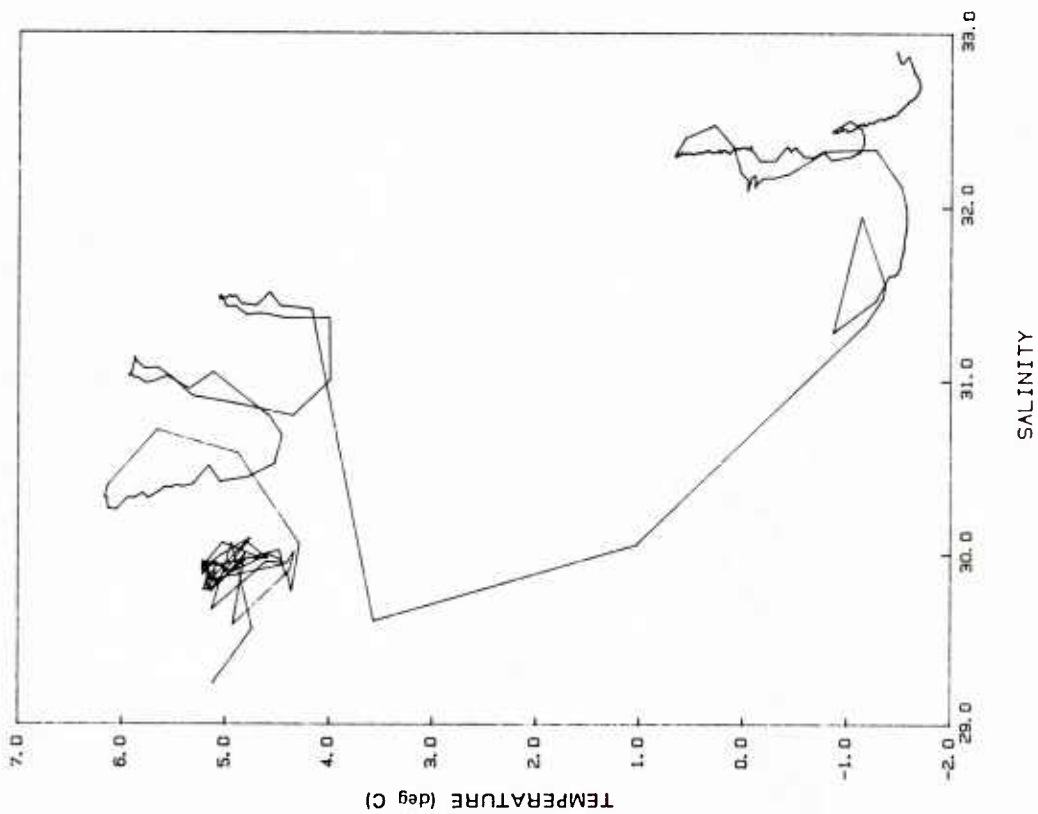
CAST # 57 DOWN  
 LAT 71 31.8 N  
 LON 156 55.2 W  
 DATE 09-04-1985  
 TIME 02:01:49  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST# 57 DOWN  
 DATE: 85/09/04  
 TIME: 02:01:49  
 LAT: 71 31.8 N  
 LON: 156 55.2 W

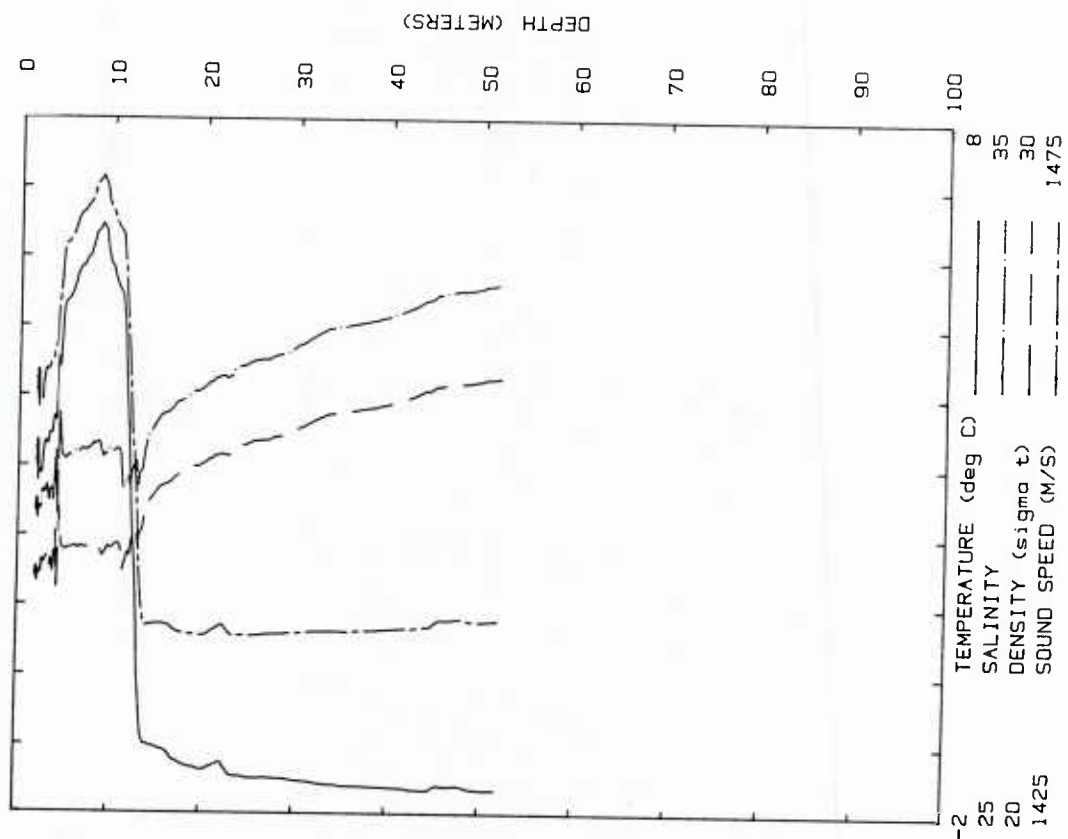
# MIZPAC 85 TS CURVE





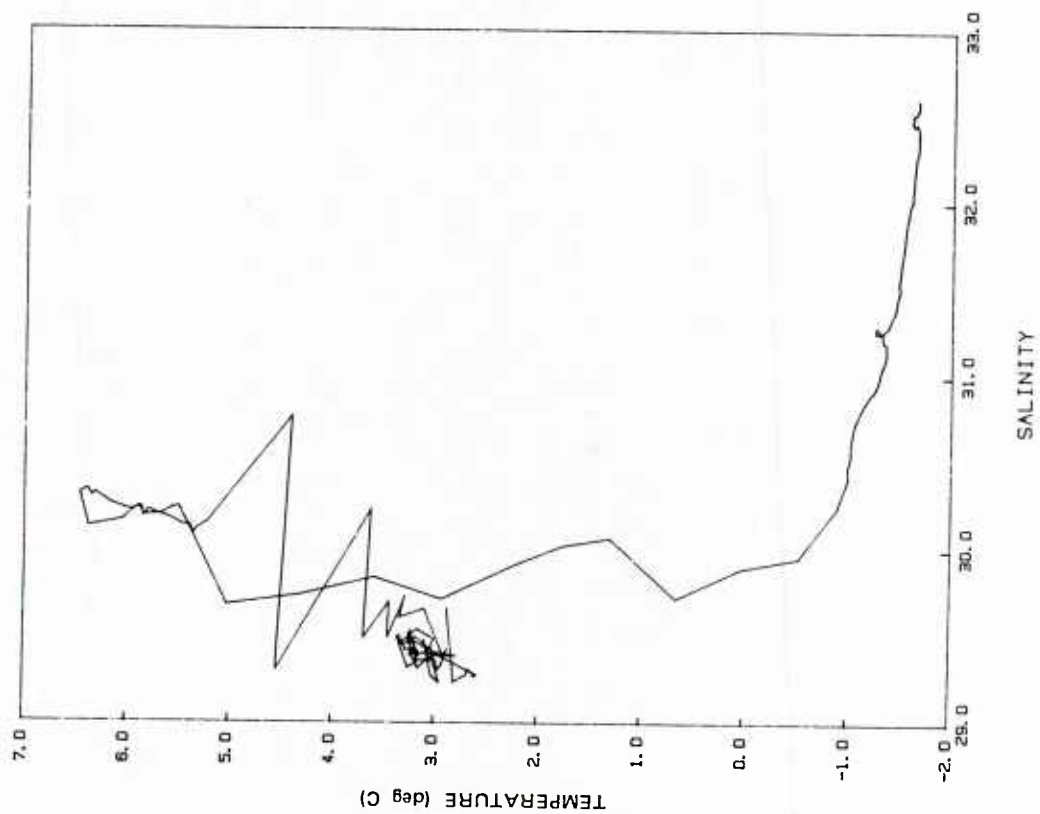
CAST # 58 DOWN  
LAT 71 34.4 N  
LON 156 58.4 W  
DATE 08-04-1985  
TIME 02:57:46  
SENSOR NEIL BROWN  
MODEL MK. III  
NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



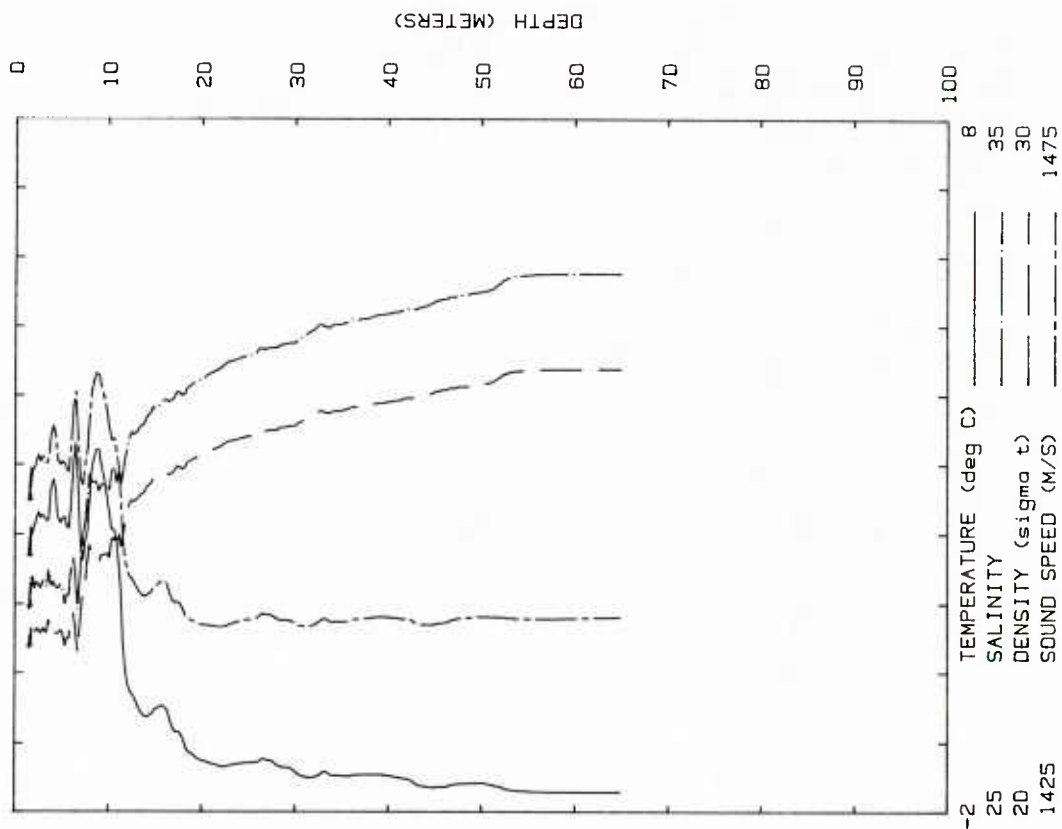
CAST# 58 DOWN  
DATE: 08/08/04  
TIME: 02:57:46  
LAT: 71 34.4 N  
LON: 156 58.4 W

# MIZPAC 85 TS CURVE



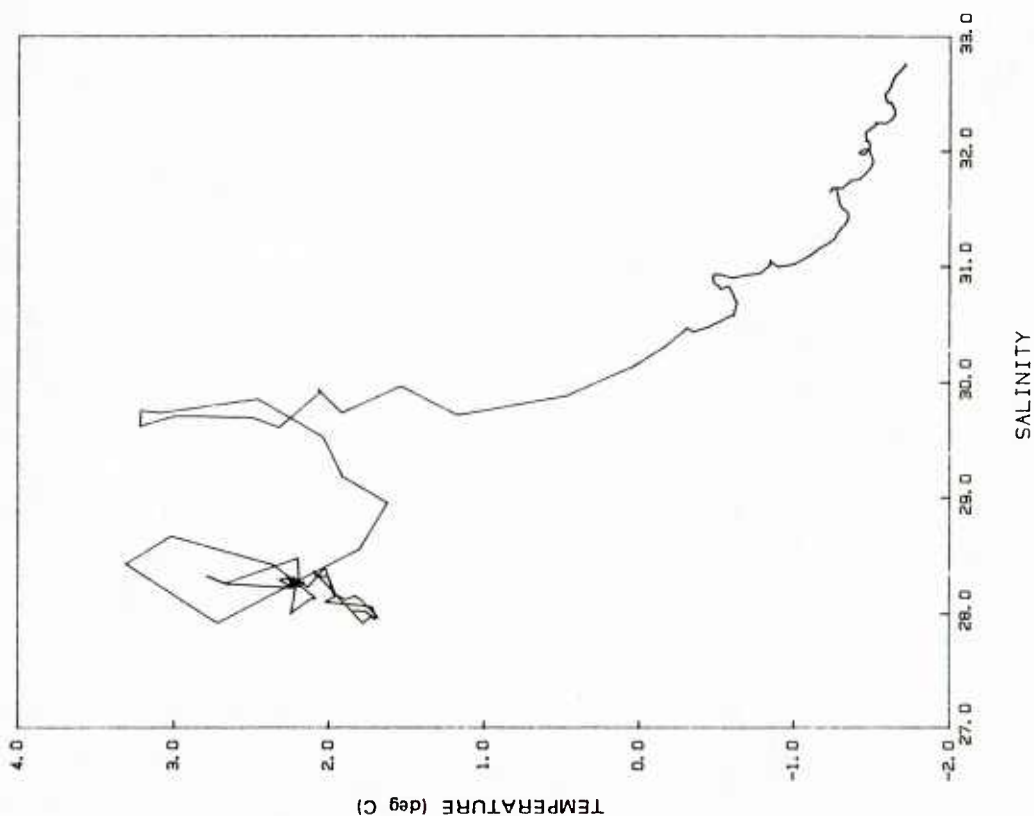
CAST # 59 DOWN  
 LAT 71 37.7 N  
 LON 157 03.3 W  
 DATE 09-04-1985  
 TIME 03:43:55  
 SENSOR NEIL BROWN  
 MODEL NK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



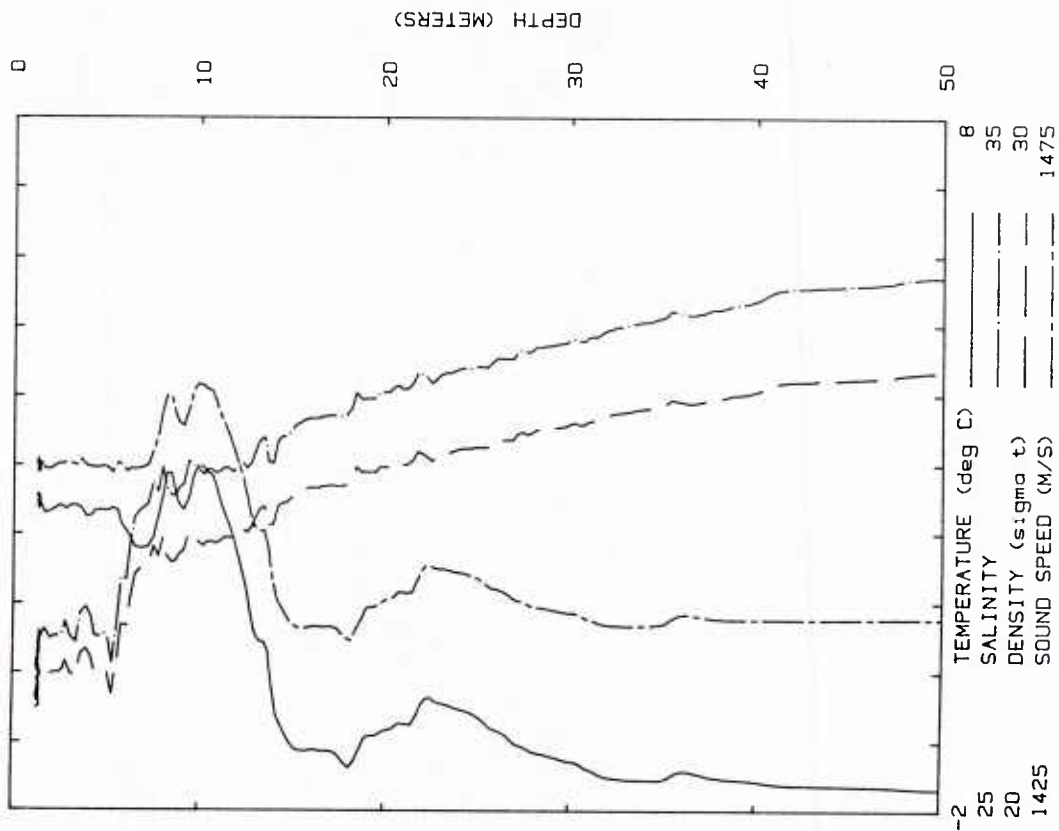
CAST# 59 DOWN  
 DATE: 85/08/04  
 TIME: 03:43:55  
 LAT: 71 37.7 N  
 LON: 157 03.3 W

# MIZPAC 85 TS CURVE



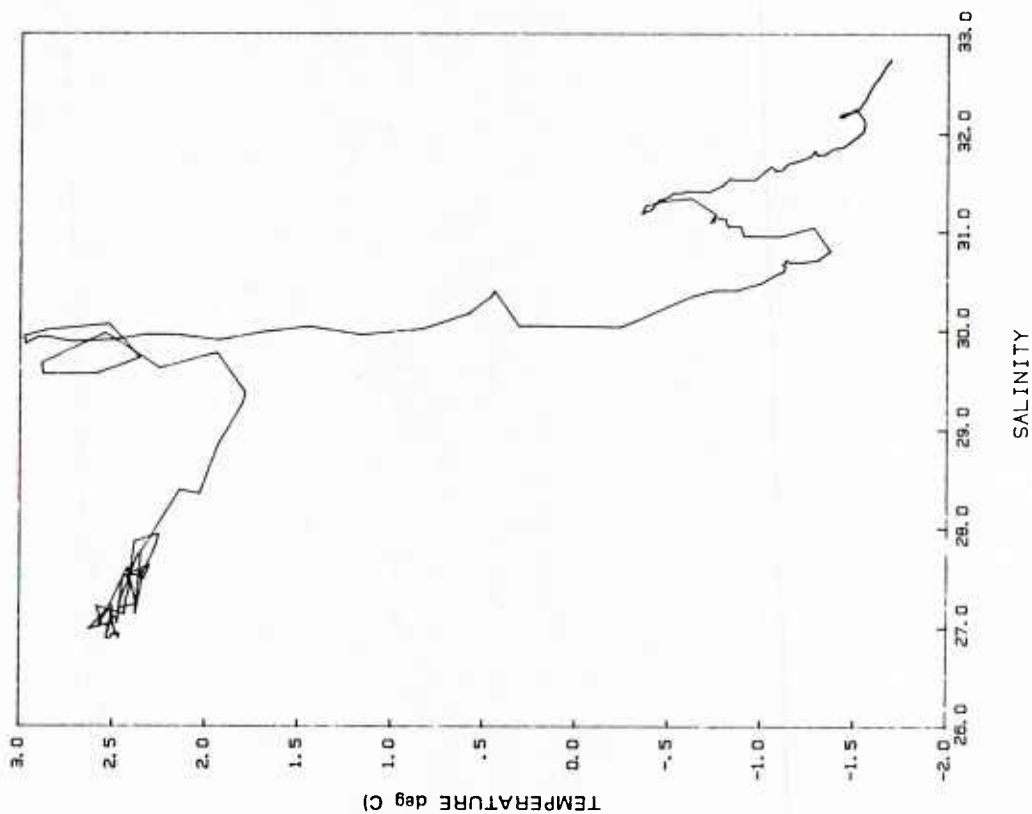
CAST # 60 DOWN  
LAT 71 40.2 N  
LON 157 06.4 W  
DATE 09-04-1985  
TIME 04:30:22  
SENSOR NEIL BROWN  
MODEL MK. III  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



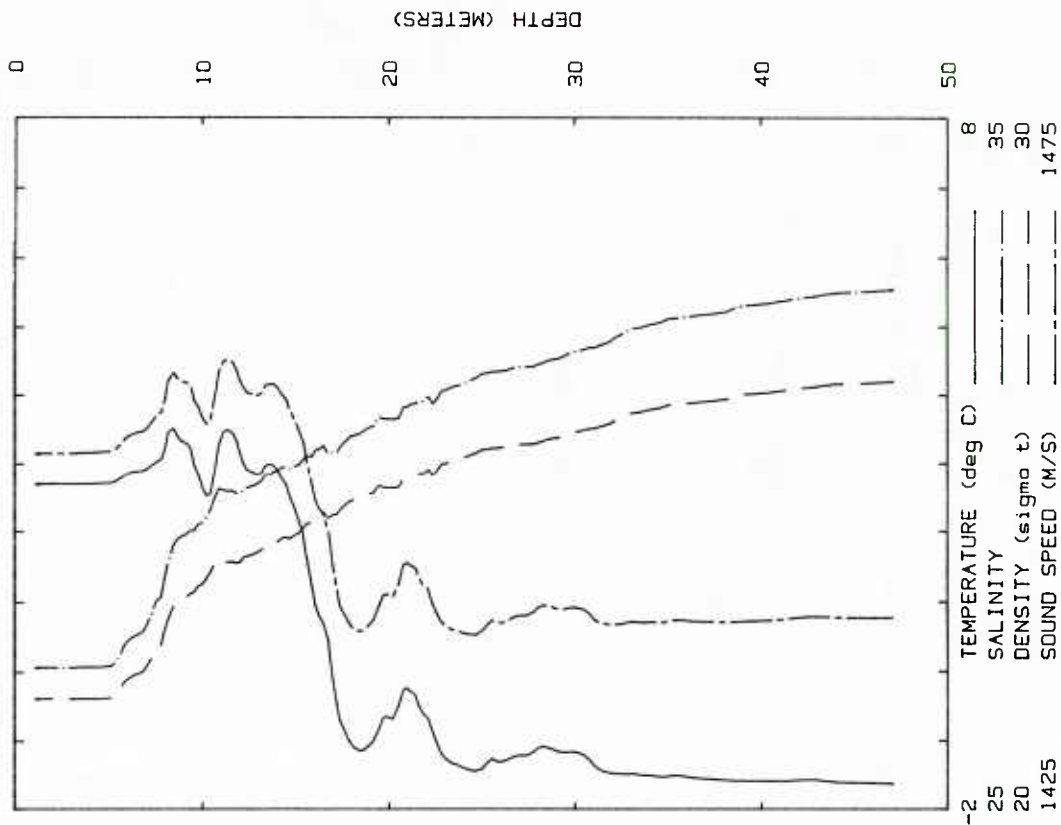
CAST# 60 DOWN  
DATE: 85/09/04  
TIME: 04:30:22  
LAT: 71 40.2 N  
LON: 157 06.4 W

# MIZPAC 85 TS CURVE



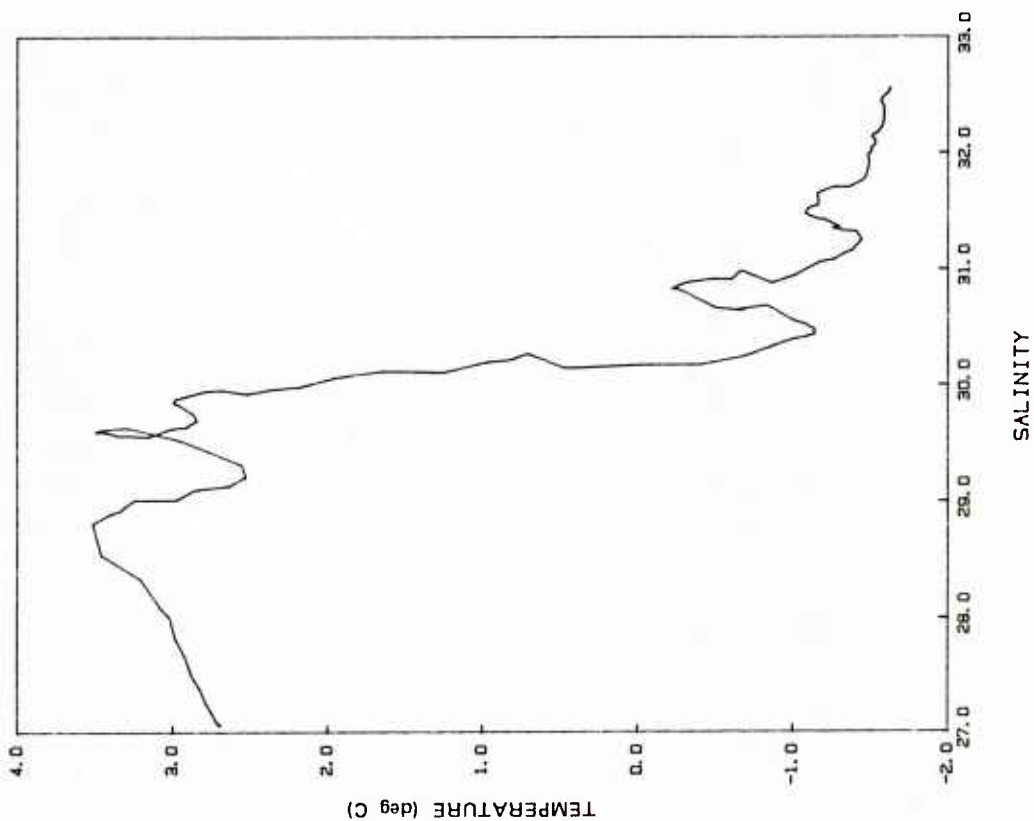
CAST # 61 DOWN  
 LAT 71 43.1 N  
 LON 157 08.0 W  
 DATE 09-04-1985  
 TIME 05:11:48  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



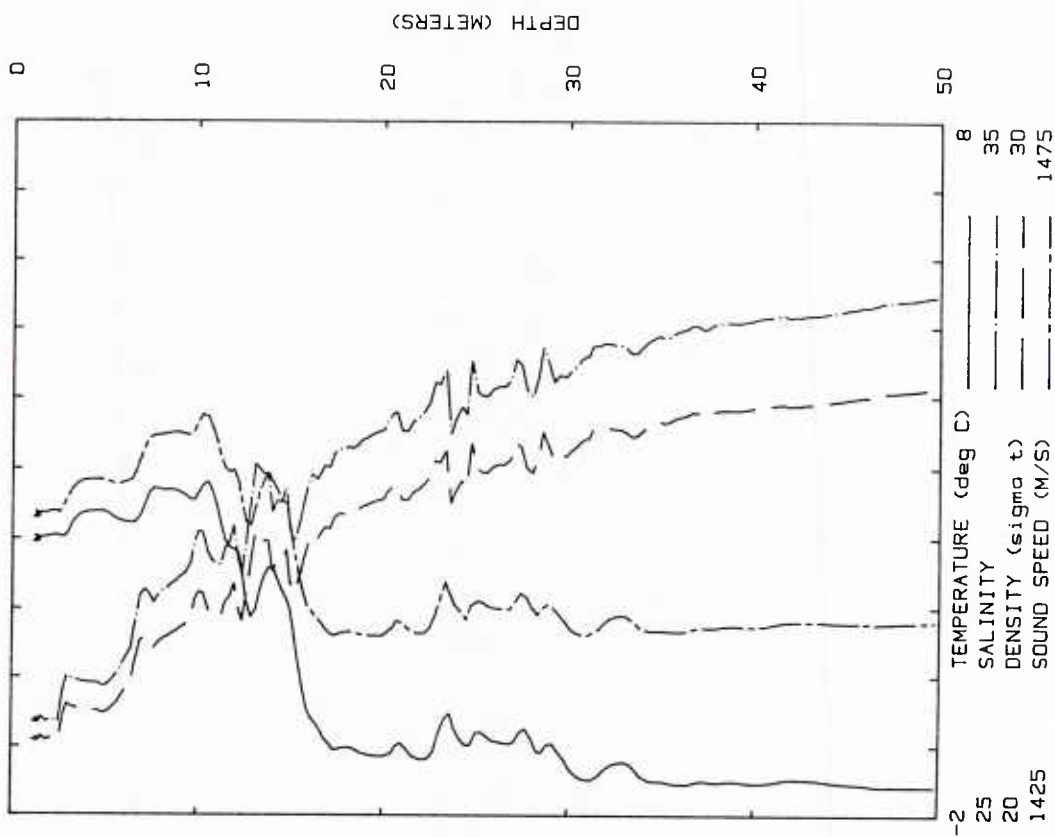
CAST# 61 DOWN  
 DATE: 05/08/04  
 TIME: 05:11:48  
 LAT: 71 43.1 N  
 LON: 157 08.0 W

# MIZPAC 85 TS CURVE



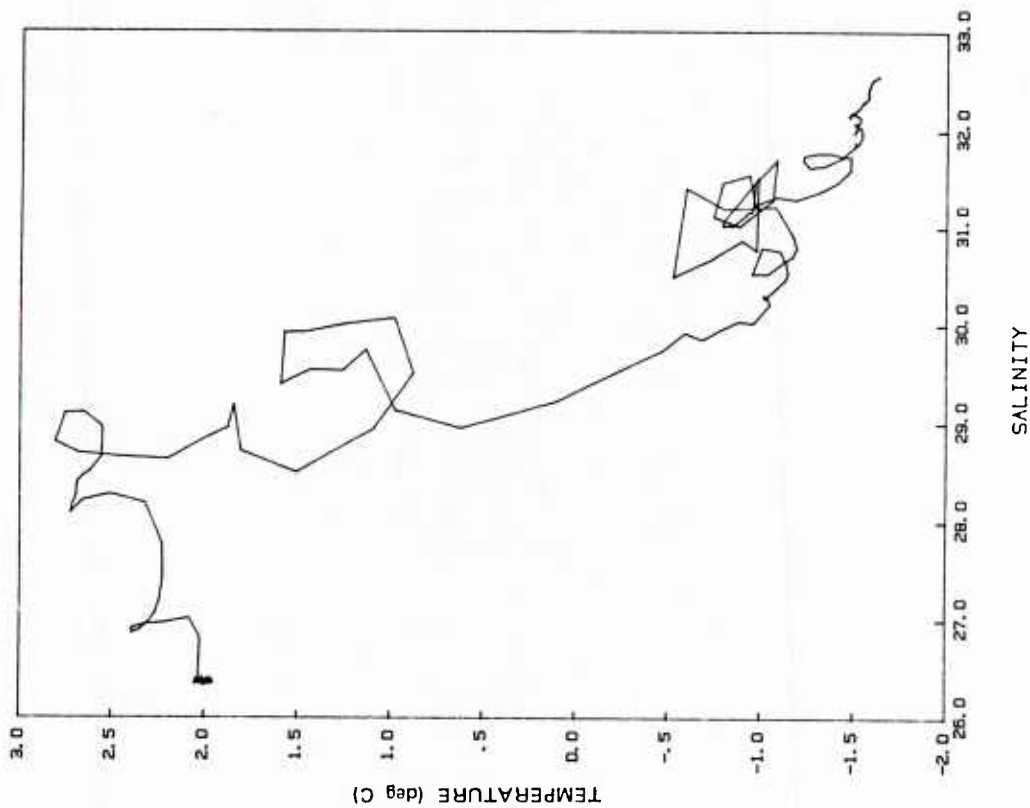
CAST # 62 DOWN  
 LAT 71 45.9 N  
 LON 157 12.4 W  
 DATE 09-04-1985  
 TIME 05:53:47  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



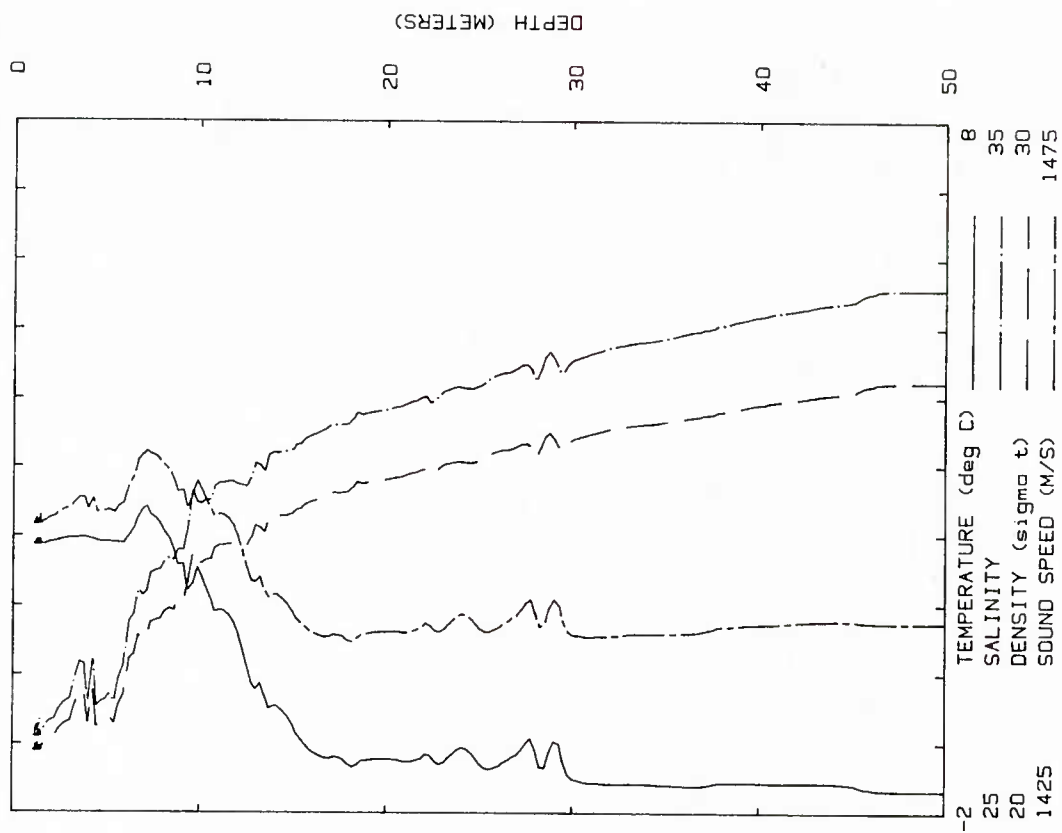
CAST# 62 DOWN  
 DATE: 09/04/85  
 TIME: 05:53:47  
 LAT: 71 45.9 N  
 LON: 157 12.4 W

# MIZPAC 85 TS CURVE



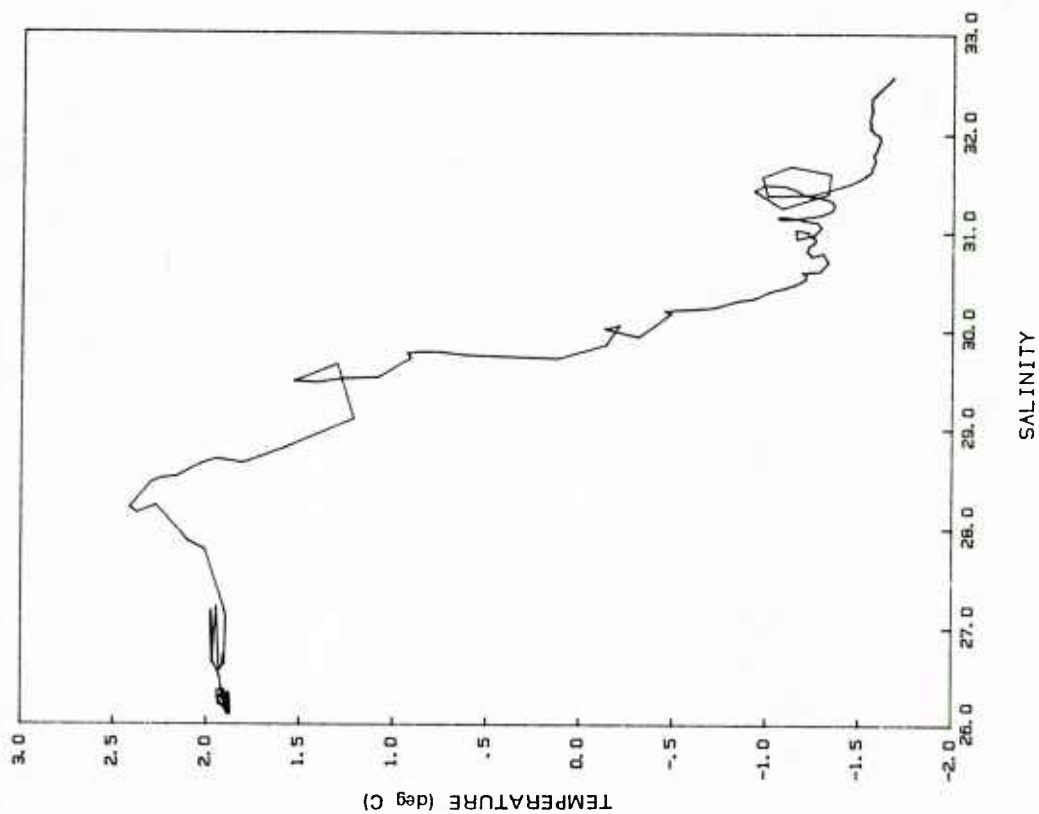
CAST # 63 DOWN  
 LAT 71 48.9 N  
 LON 157 16.4 W  
 DATE 09-04-1985  
 TIME 06:36:20  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST# 63 DOWN  
 DATE 85/09/04  
 TIME 06:36:20  
 LAT 71 48.9 N  
 LON 157 16.4 W

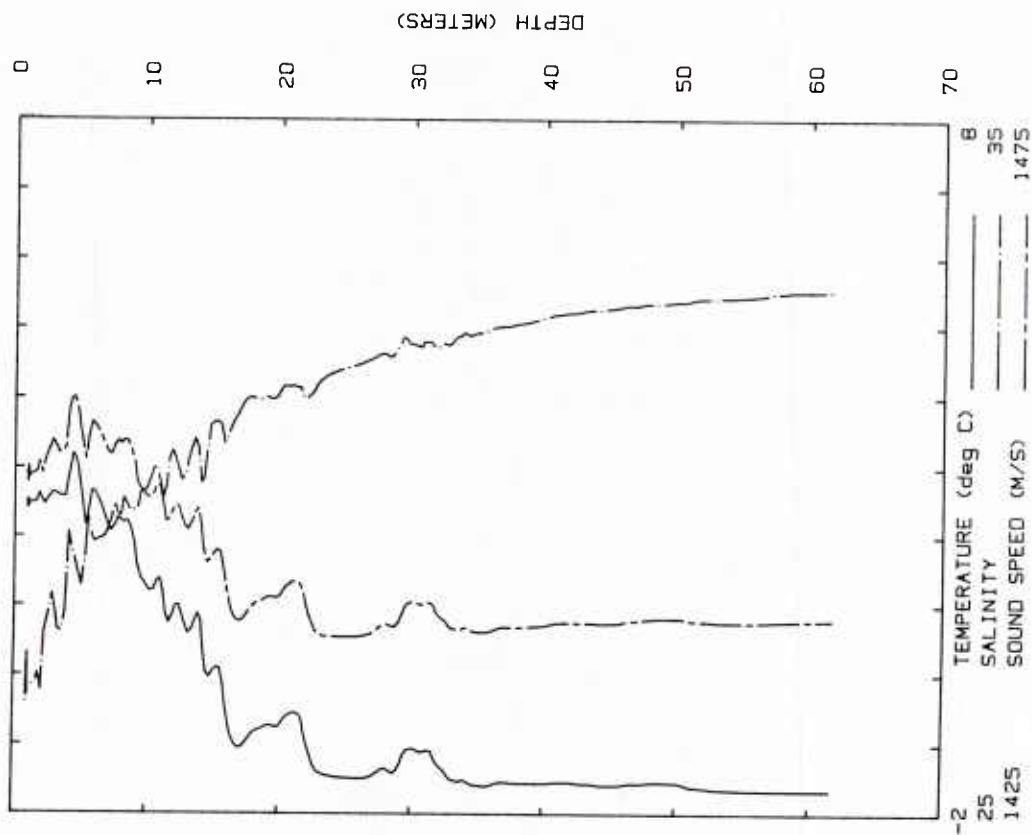
# MIZPAC 85 TS CURVE





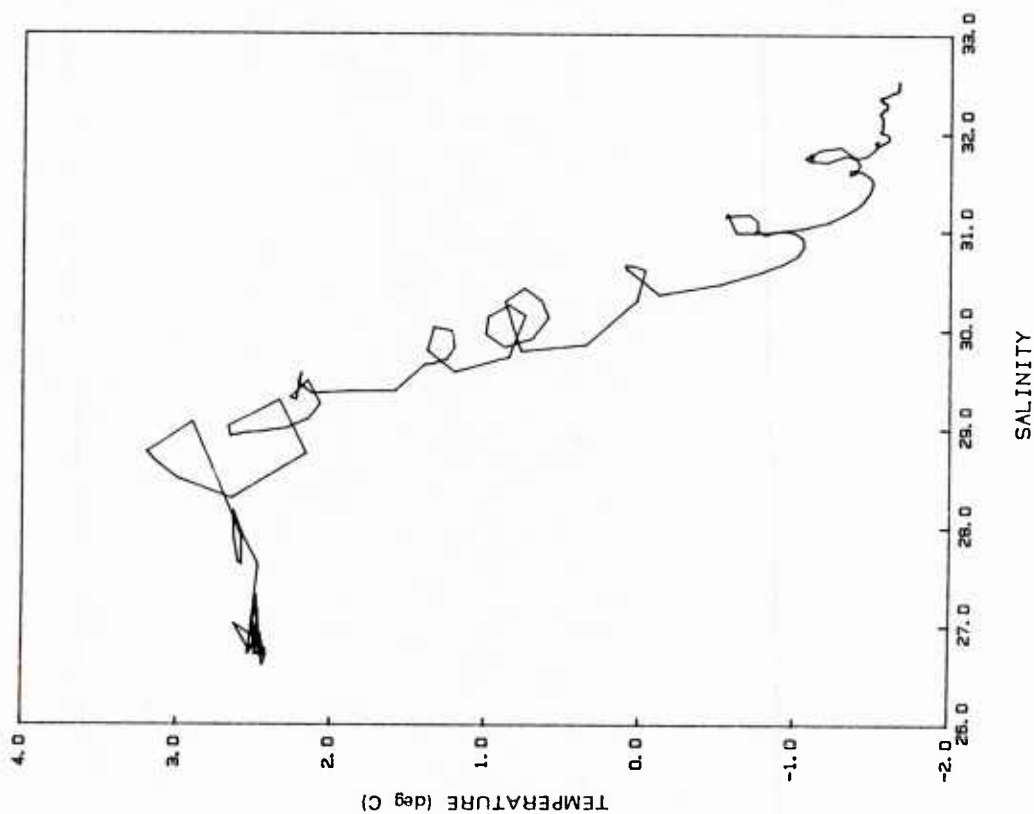
CAST # 64 DOWN  
 LAT 71 54.7 N  
 LON 157 22.6 W  
 DATE 08-04-1985  
 TIME 07:26:30  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



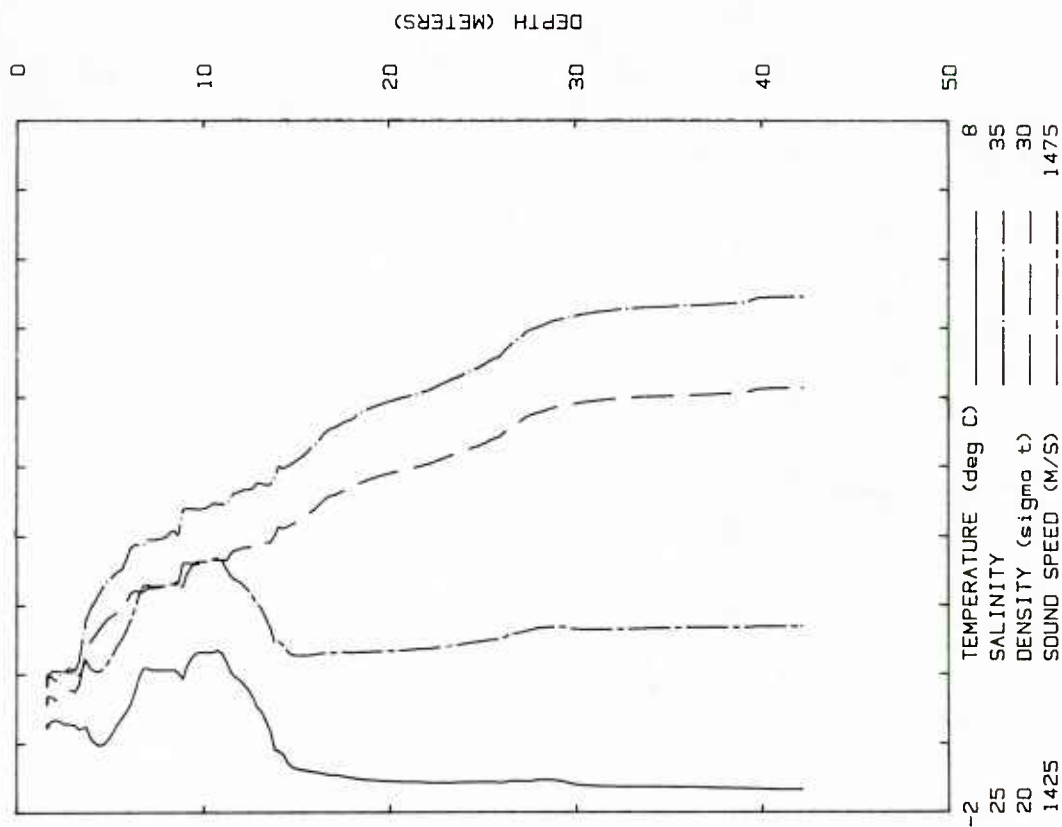
CAST# 64 DOWN  
 DATE: 85/08/04  
 TIME: 07:26:30  
 LAT: 71 54.7 N  
 LON: 157 22.6 W

# MIZPAC 85 TS CURVE



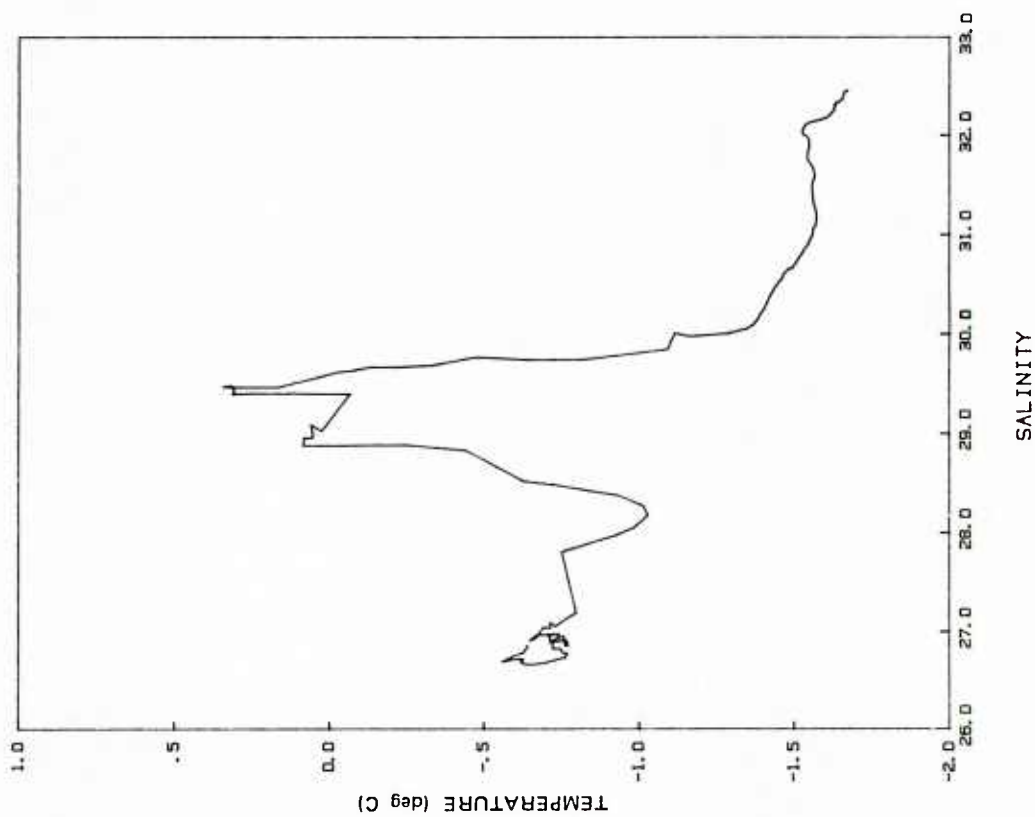
CAST # 85 DOWN  
 LAT 71 36.2 N  
 LON 159 08.9 W  
 DATE 09-04-1985  
 TIME 10:34:02  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



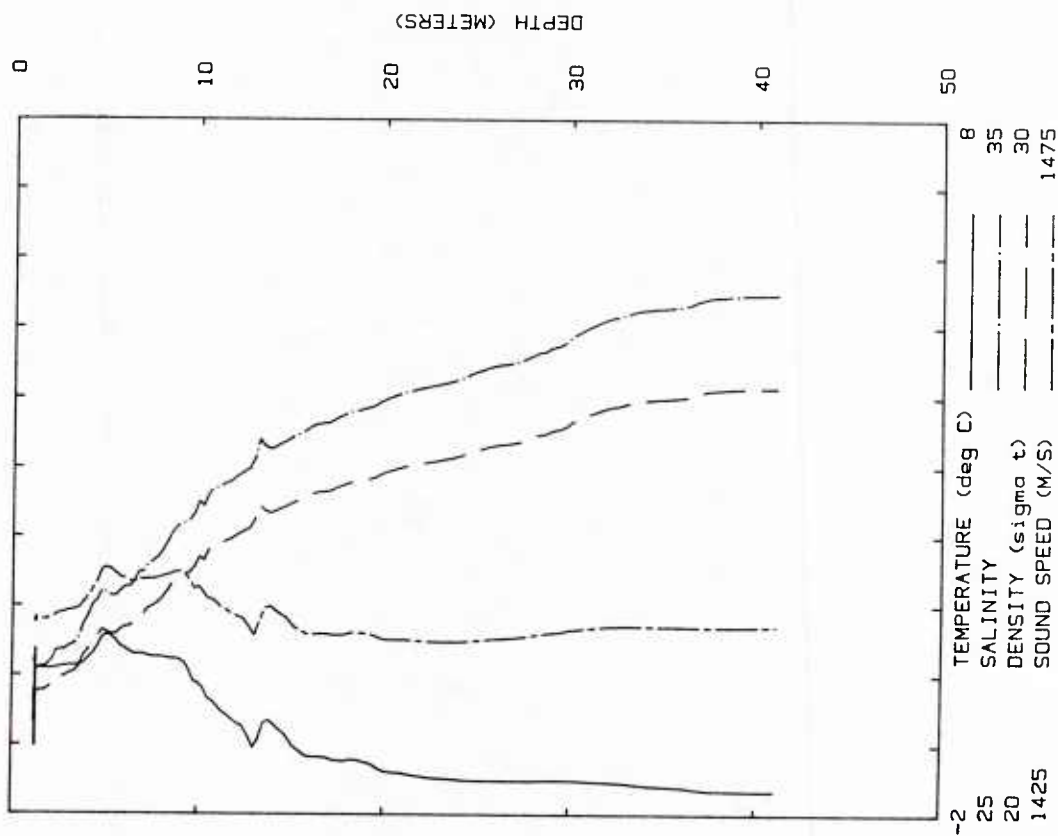
CAST# 85 DOWN  
 DATE: 85/09/04  
 TIME: 10:34:02  
 LAT: 71 36.2 N  
 LON: 159 08.9 W

# MIZPAC 85 TS CURVE



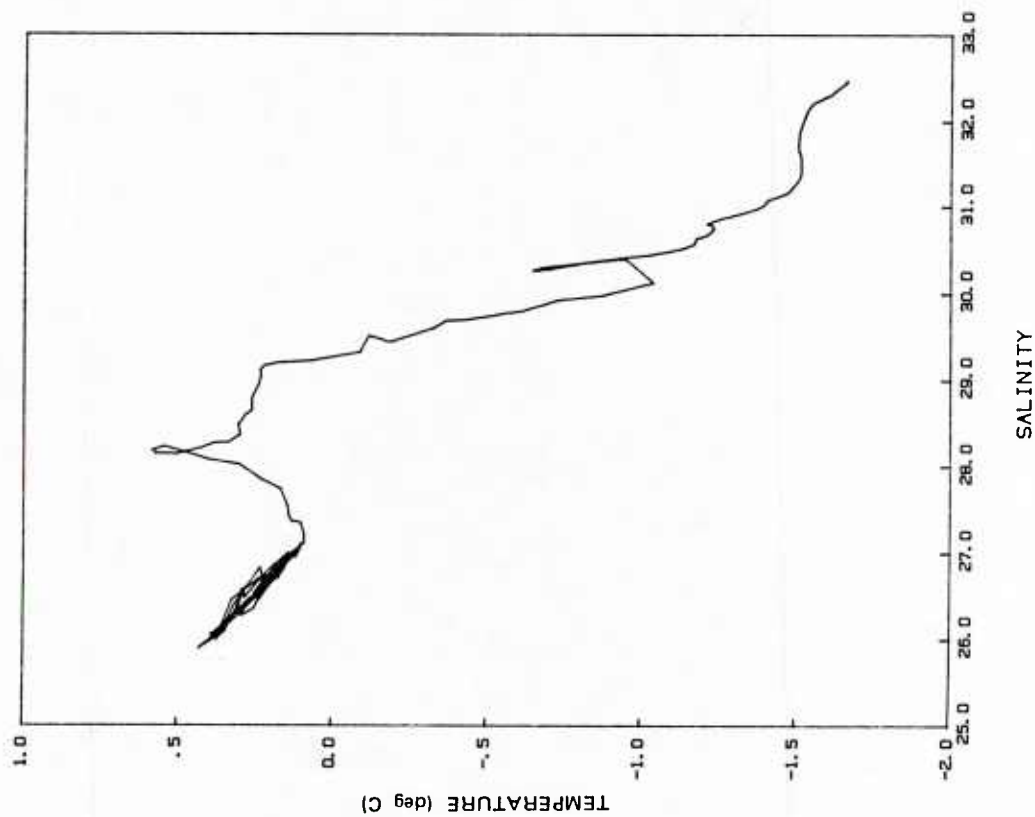
CAST # 66 DOWN  
 LAT 71 30.5 N  
 LON 159 03.1 W  
 DATE 09-04-1985  
 TIME 11:35:02  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE

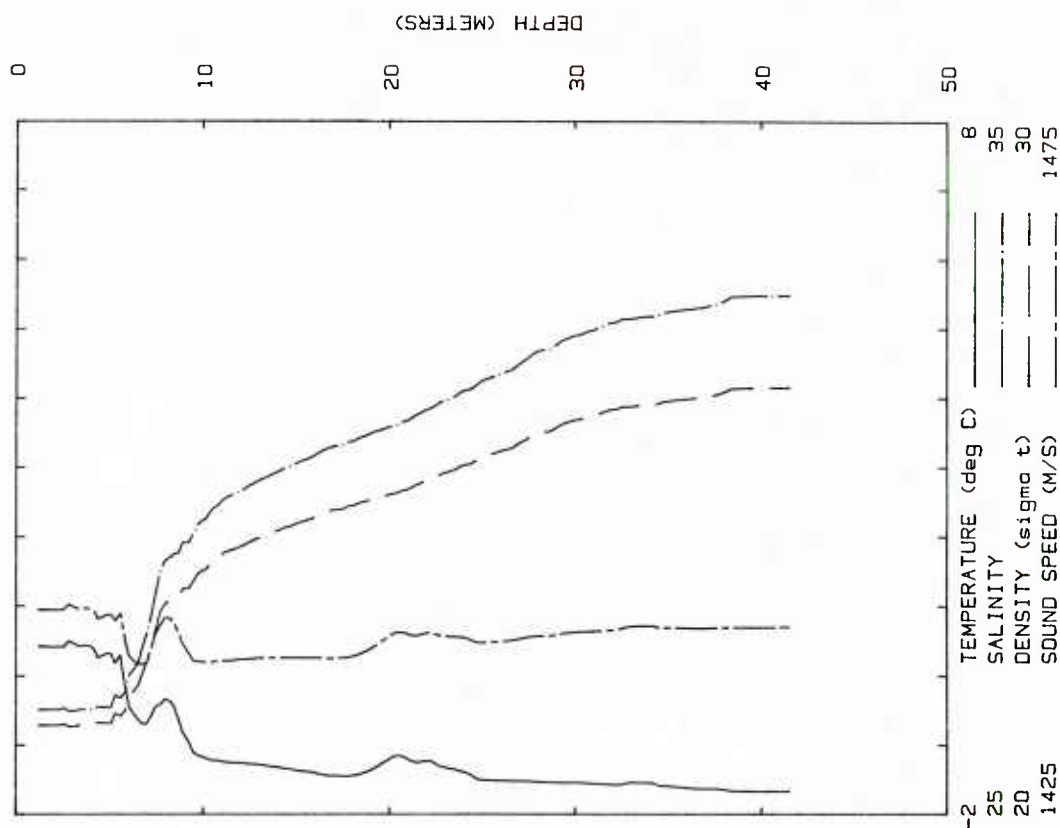


CAST # 66 DOWN  
 DATE 09/09/84  
 TIME 11:25:02  
 LAT 71 30.5 N  
 LON 159 03.1 W

# MIZPAC 85 TS CURVE

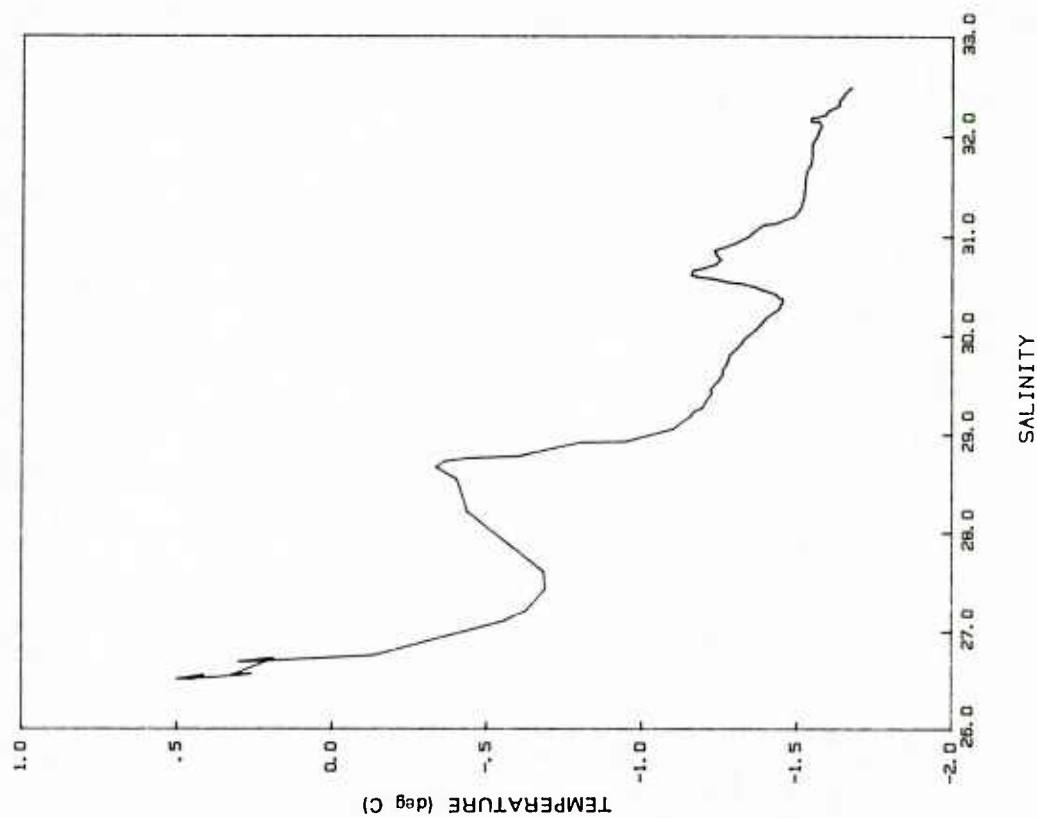


MIZPAC 85  
CTD PROFILE



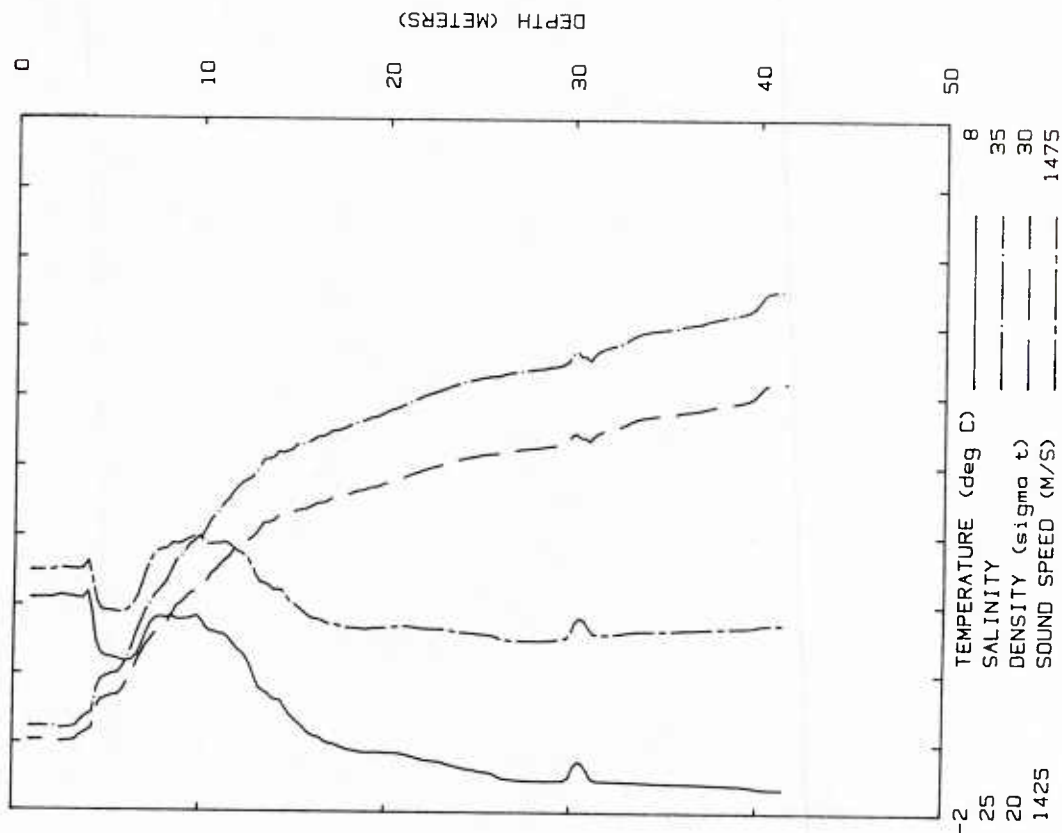
CASE# 67 DOWN  
DATE: 05/08/04  
TIME: 12:21:07  
LAT: 71 27.1 N  
LON: 158 57.9 W

MIZPAC 85  
TS CURVE



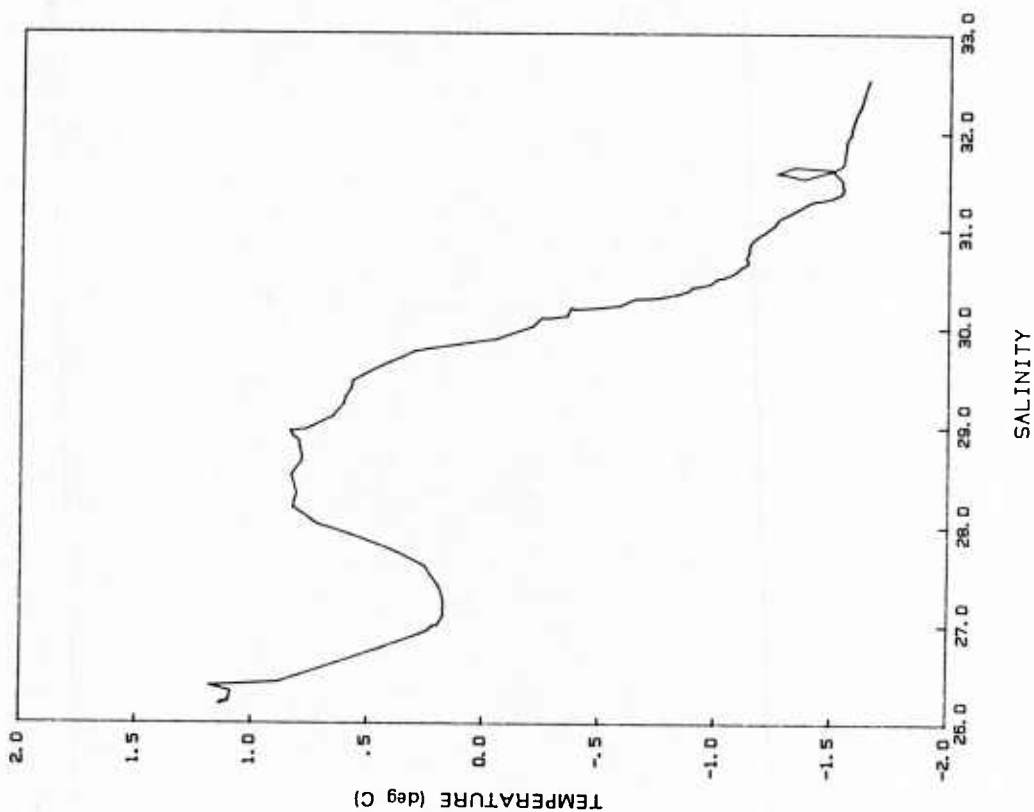
CAST # 88 DOWN  
 LAT 71 25.1 N  
 LON 158 55.9 W  
 DATE 09-04-1985  
 TIME 13:02:38  
 SENSORS NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



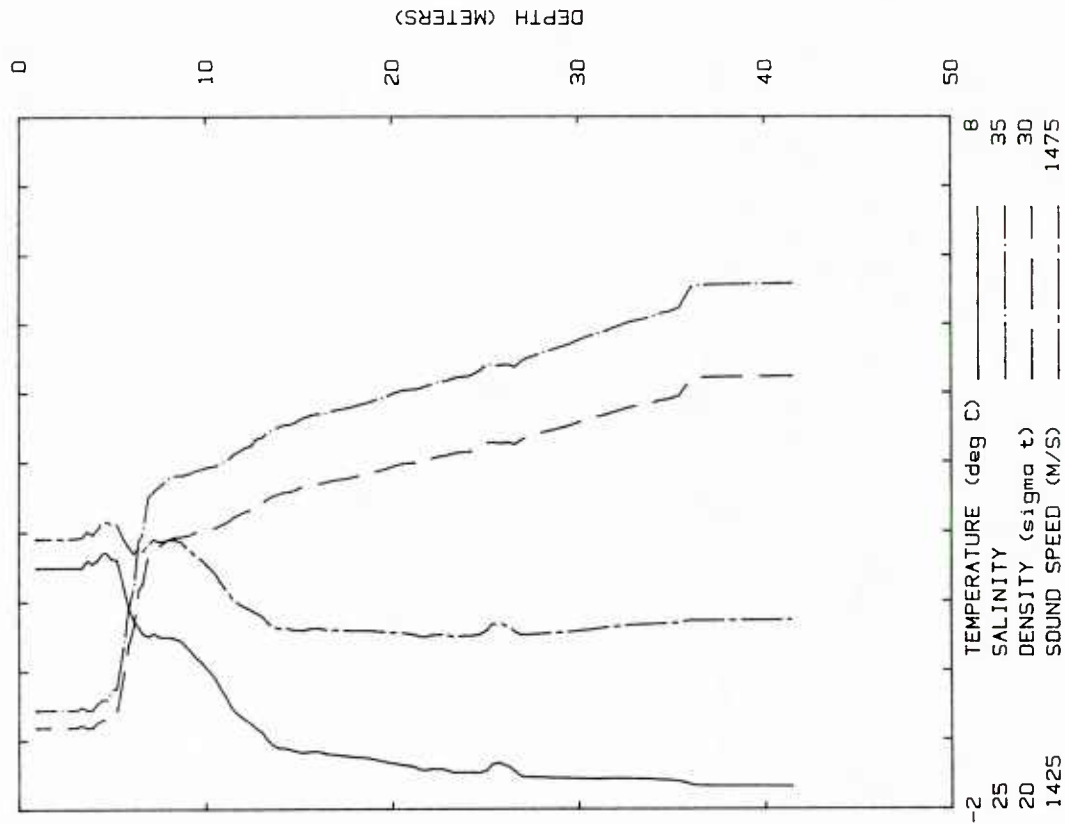
CAST# 88 DOWN  
 DATE: 85/09/04  
 TIME: 13:02:38  
 LAT: 71 25.1 N  
 LON: 158 55.9 W

# MIZPAC 85 TS CURVE



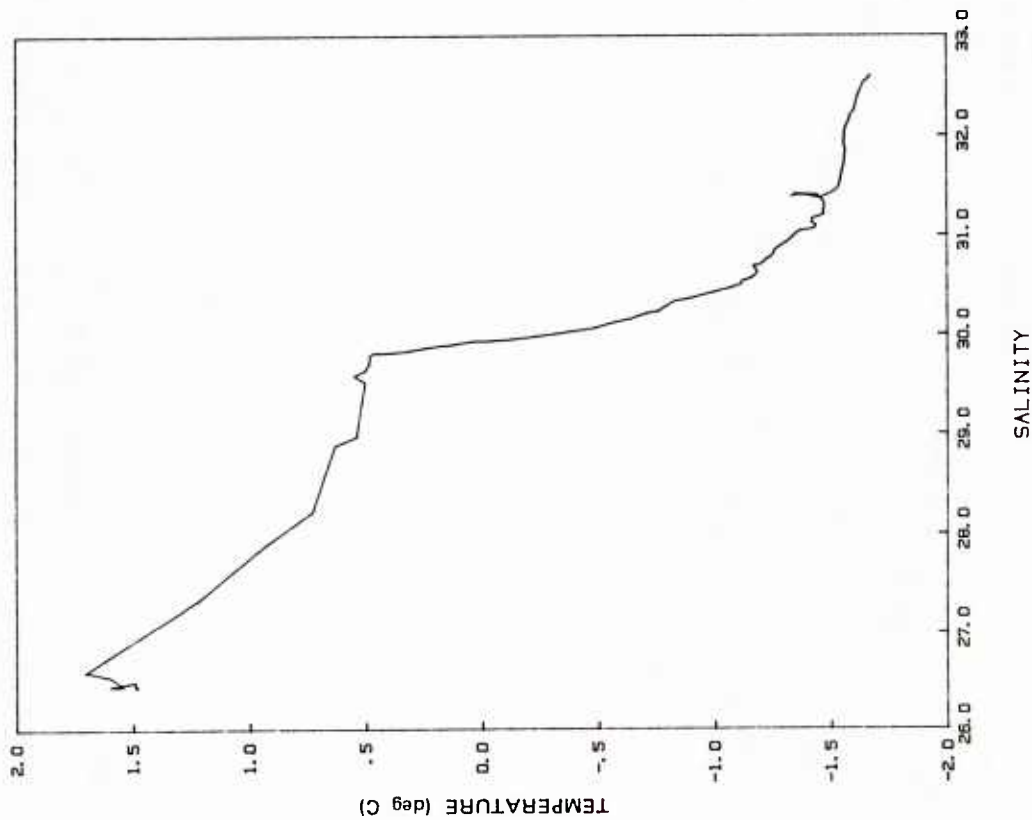
CAST # 69 DOWN  
 LAT 71 22.2 N  
 LON 158 53.9 W  
 DATE 09-04-1985  
 TIME 13:42:35  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST# 88 DOWN  
 DATE: 85/08/04  
 TIME: 13:42:35  
 LAT: 71 22.2 N  
 LON: 158 53.9 W

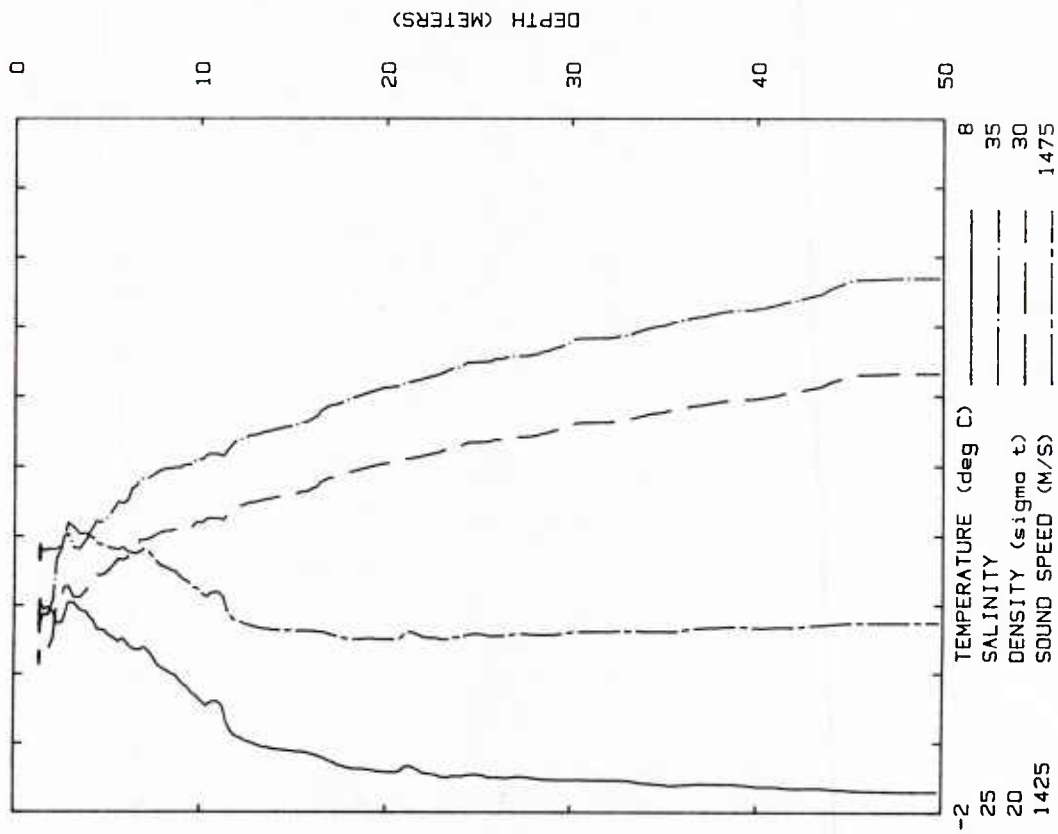
# MIZPAC 85 TS CURVE





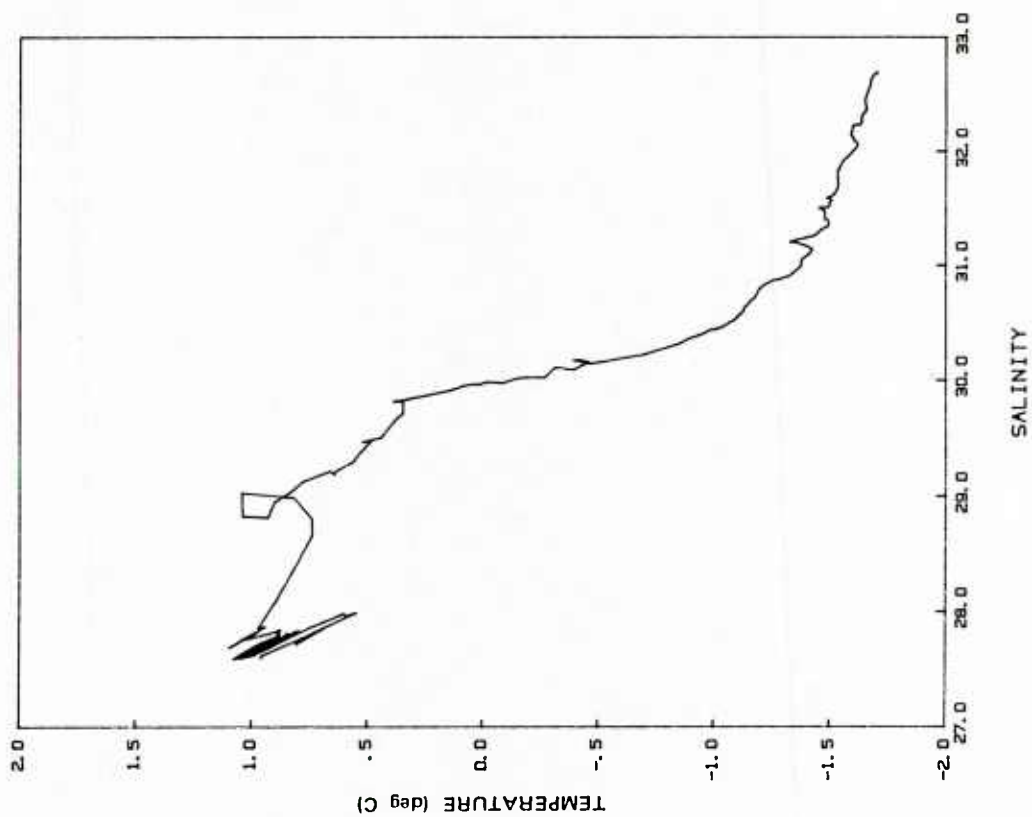
CAST # 70 DOWN  
 LAT 71 18.8 N  
 LON 158 49.5 W  
 DATE 09-04-1985  
 TIME 14:38:16  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



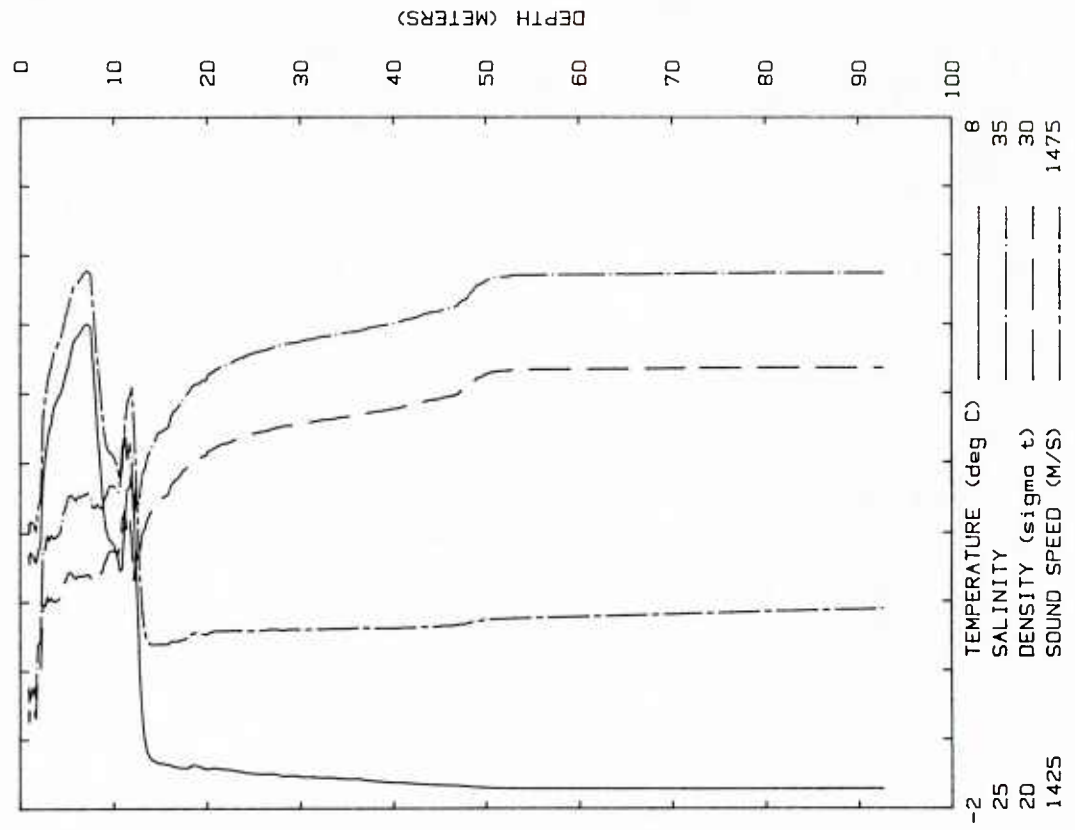
CAST# 70 DOWN  
 DATE: 85/09/04  
 TIME: 14:38:16  
 LAT: 71 18.8 N  
 LON: 158 49.5 W

# MIZPAC 85 TS CURVE



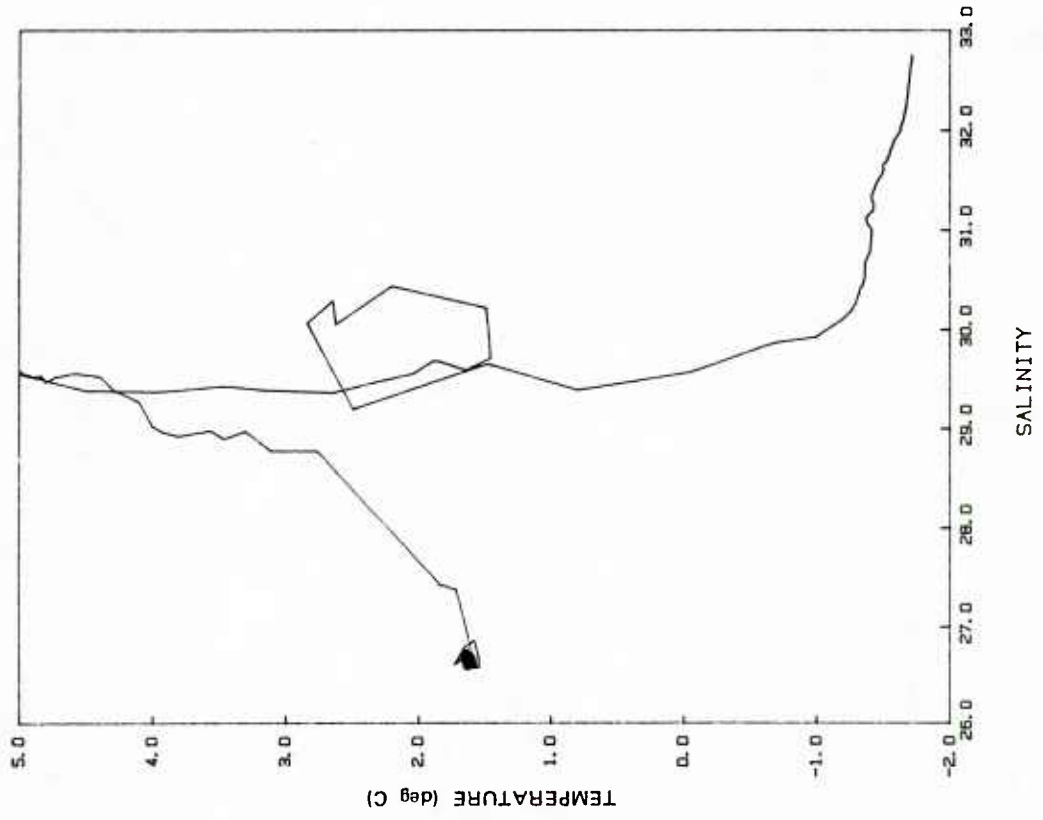
CAST # 71 DOWN  
 LAT 71 16.2 N  
 LON 158 47.0 W  
 DATE 09-04-1985  
 TIME 15:21:09  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER D1-2904-1

# MIZPAC 85 CTD PROFILE



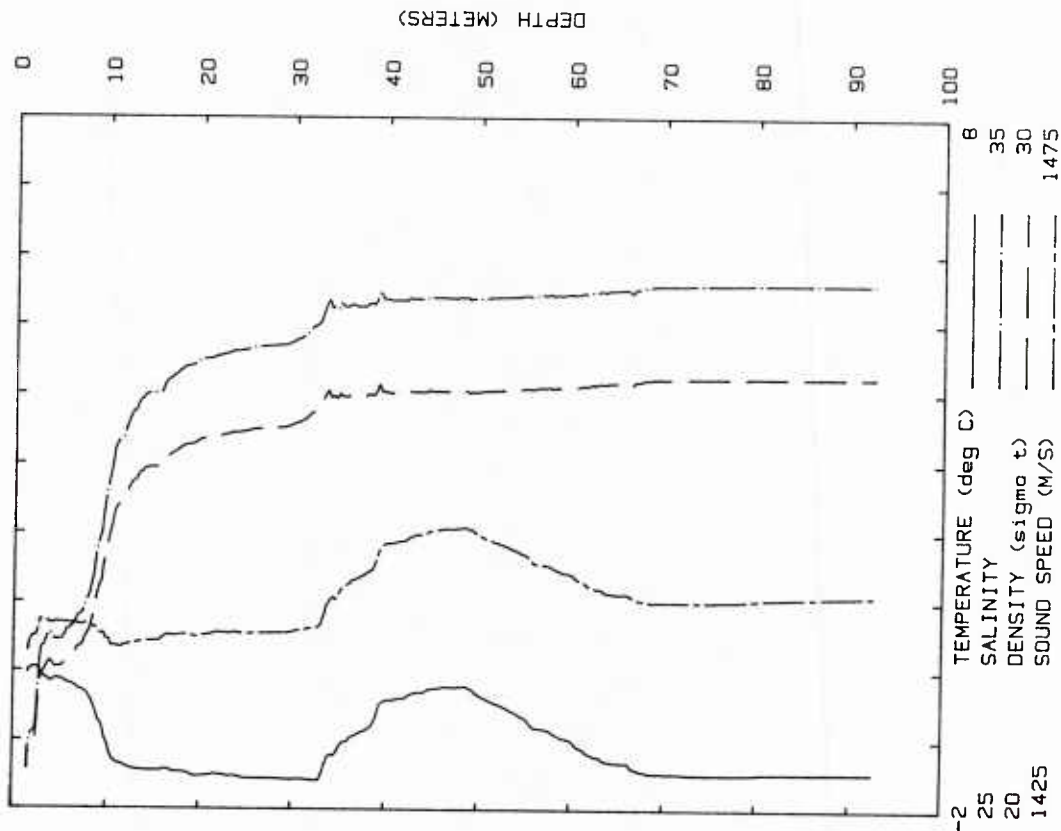
CAST# 71 DOWN  
 DATE: 85/09/04  
 TIME: 15:21:09  
 LAT: 71 16.2 N  
 LON: 158 47.0 W

# MIZPAC 85 TS CURVE



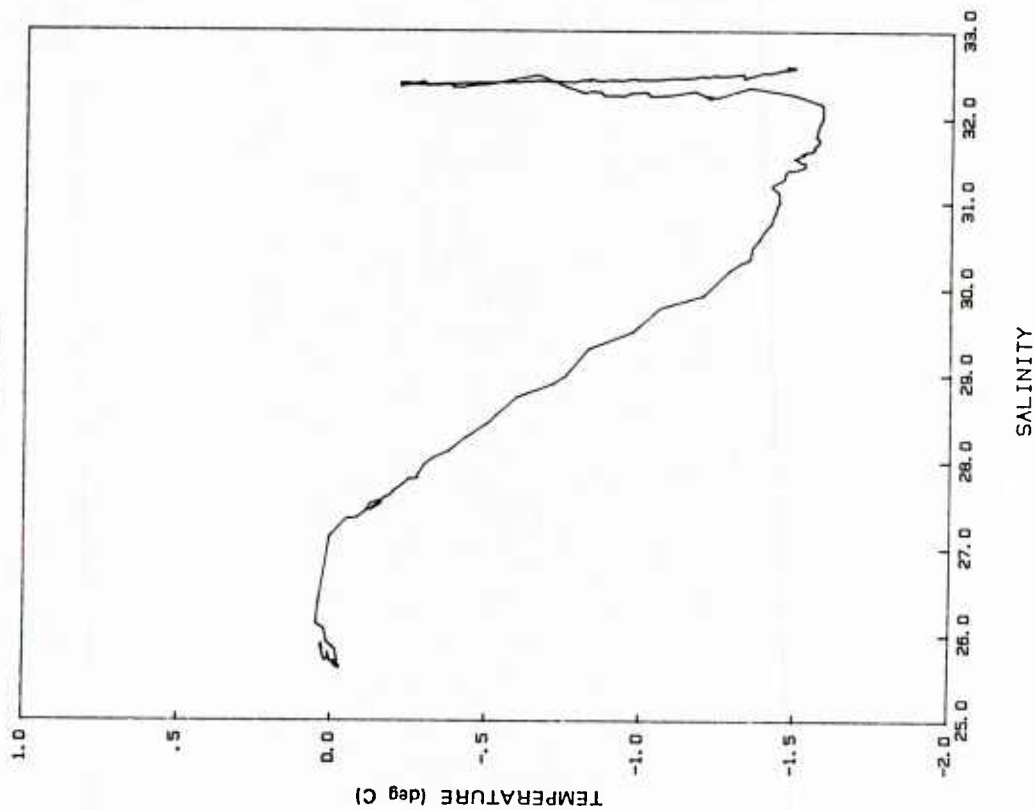
CAST # 72 DOWN  
 LAT 71 13.6 N  
 LON 158 43.1 W  
 DATE 09-04-1985  
 TIME 16:27:28  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



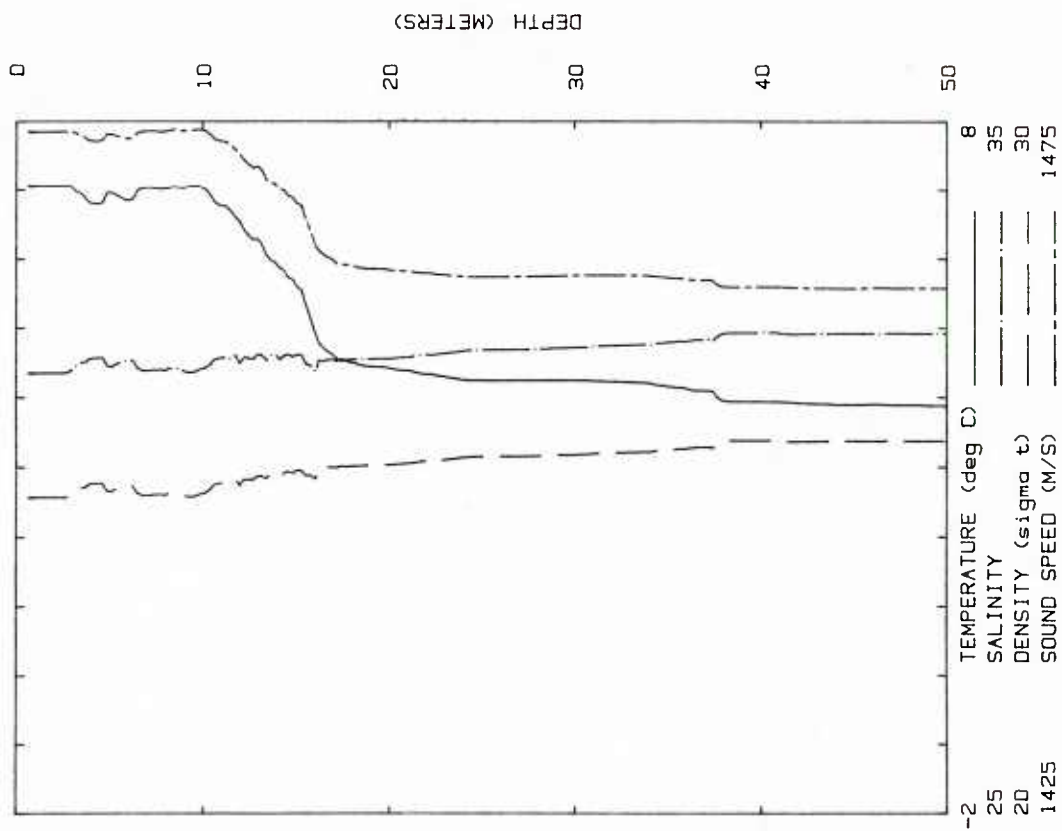
CAST# 72 DOWN  
 DATE 85/08/04  
 TIME 16:27:28  
 LAT 71 13.6 N  
 LON 158 43.1 W

# MIZPAC 85 TS CURVE



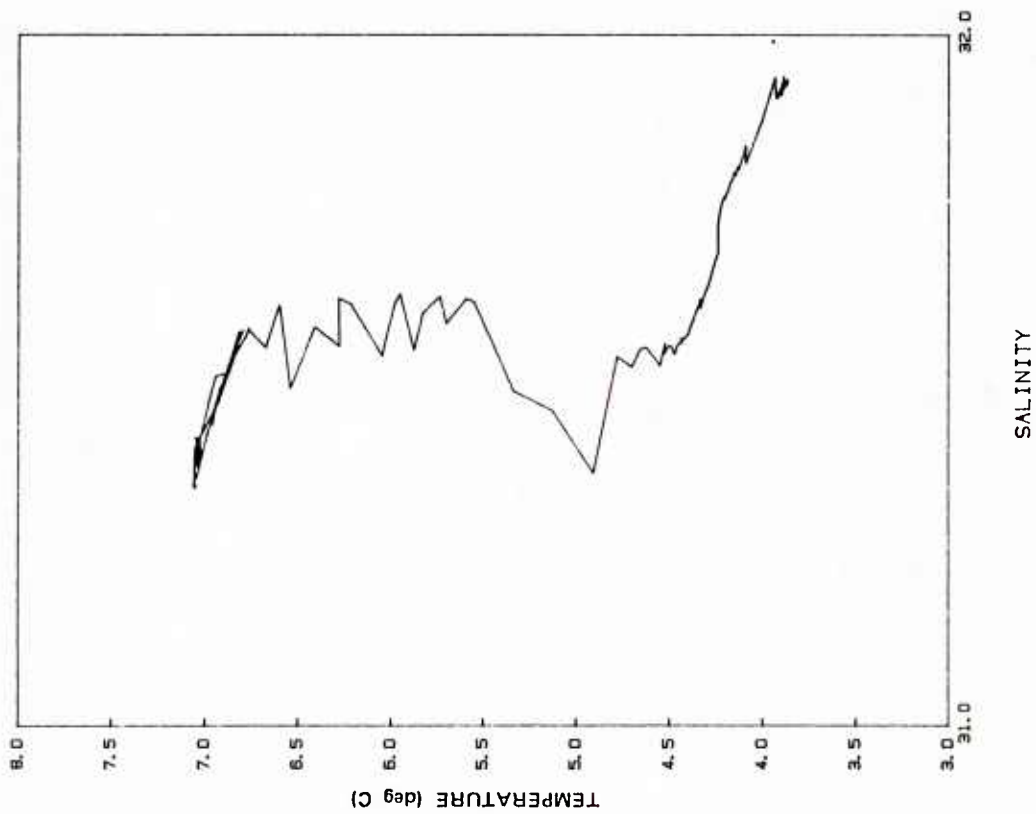
CAST # 73 DOWN  
 LAT 71 09.0 N  
 LON 158 38.2 W  
 DATE 09-04-1985  
 TIME 17:25:49  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



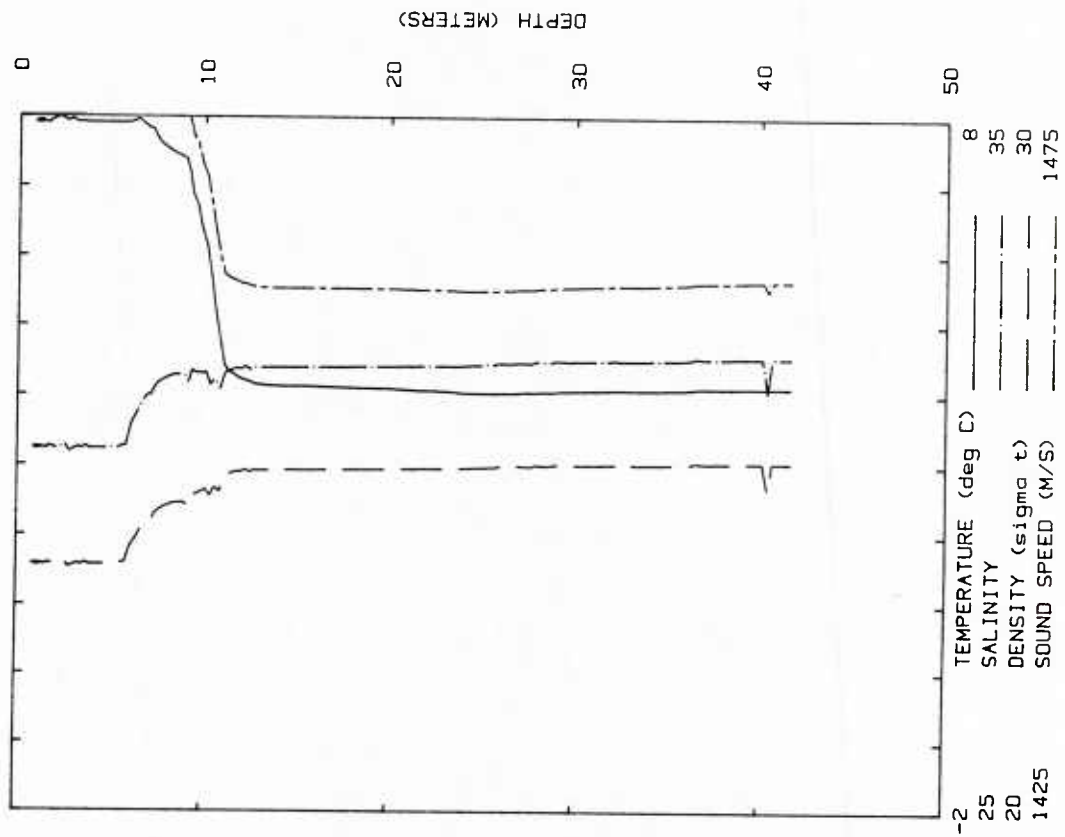
CAST# 73 DOWN  
 DATE: 85/09/04  
 TIME: 17:25:49  
 LAT: 71 09.0 N  
 LON: 158 38.2 W

# MIZPAC 85 TS CURVE



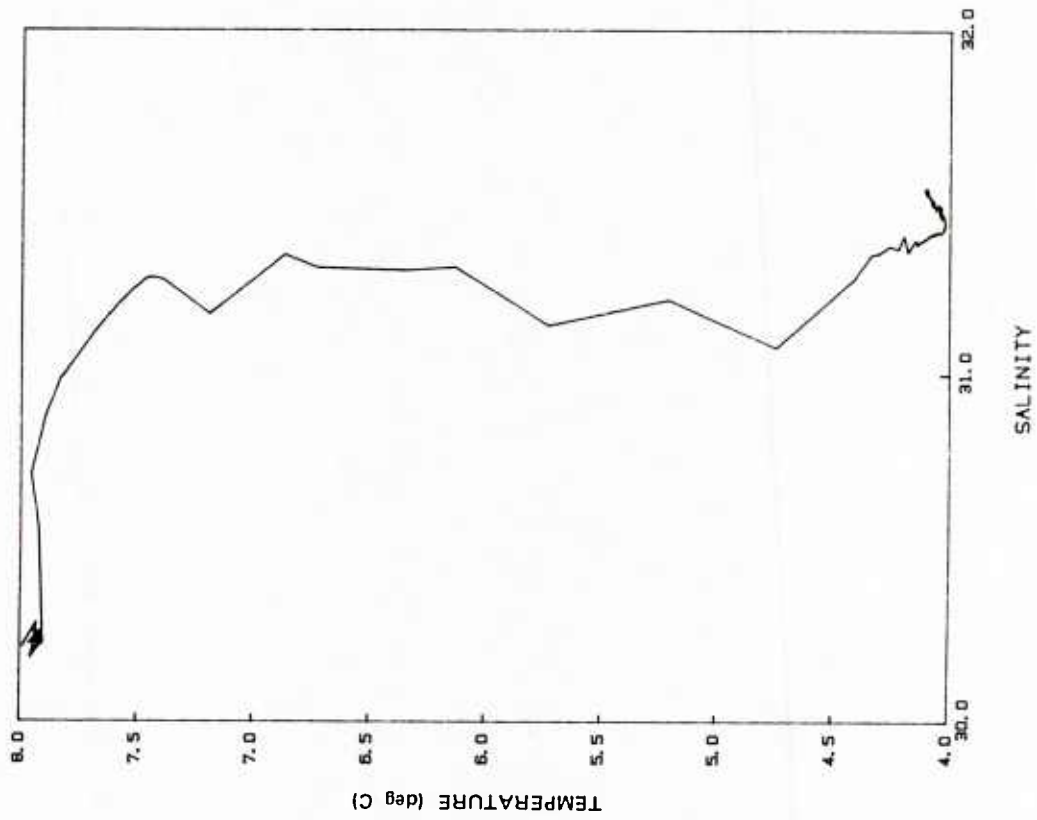
CAST # 74 DOWN  
 LAT 70 49.2 N  
 LON 160 13.7 W  
 DATE 09-04-1985  
 TIME 21:40:27  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



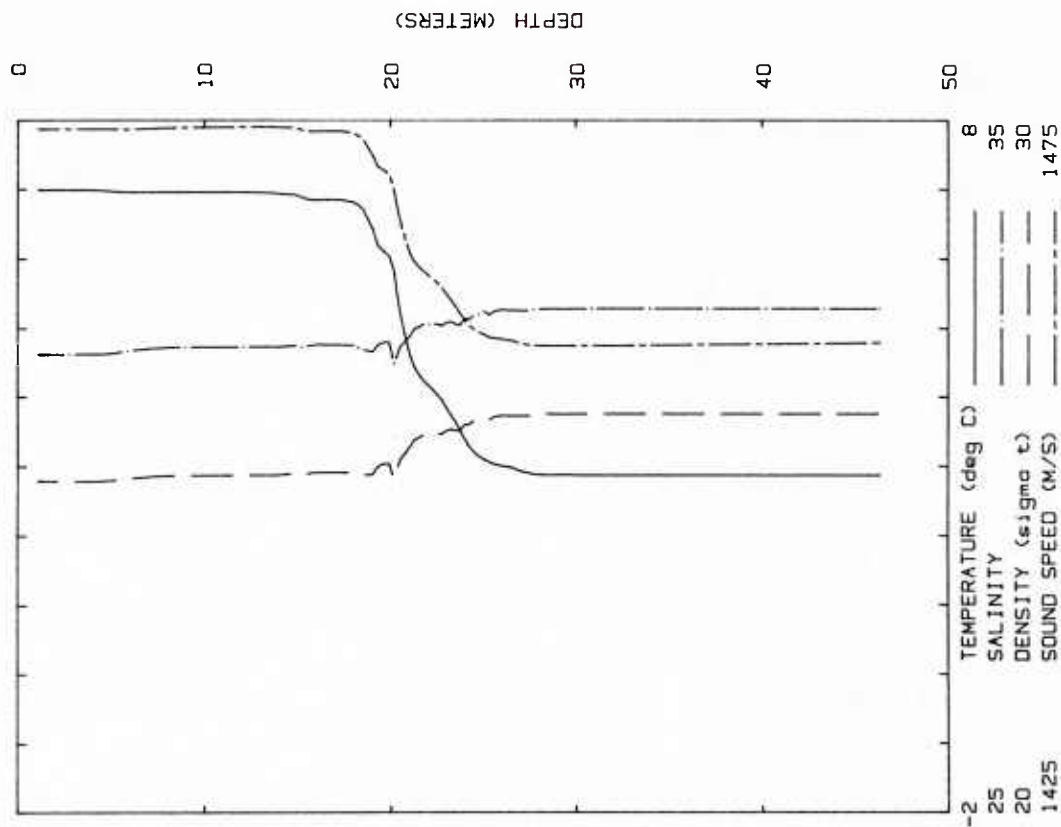
CAST# 74 DOWN  
 DATE 09/04/85  
 TIME 21:40:27  
 LAT 70 49.2 N  
 LON 160 13.7 W

# MIZPAC 85 TS CURVE



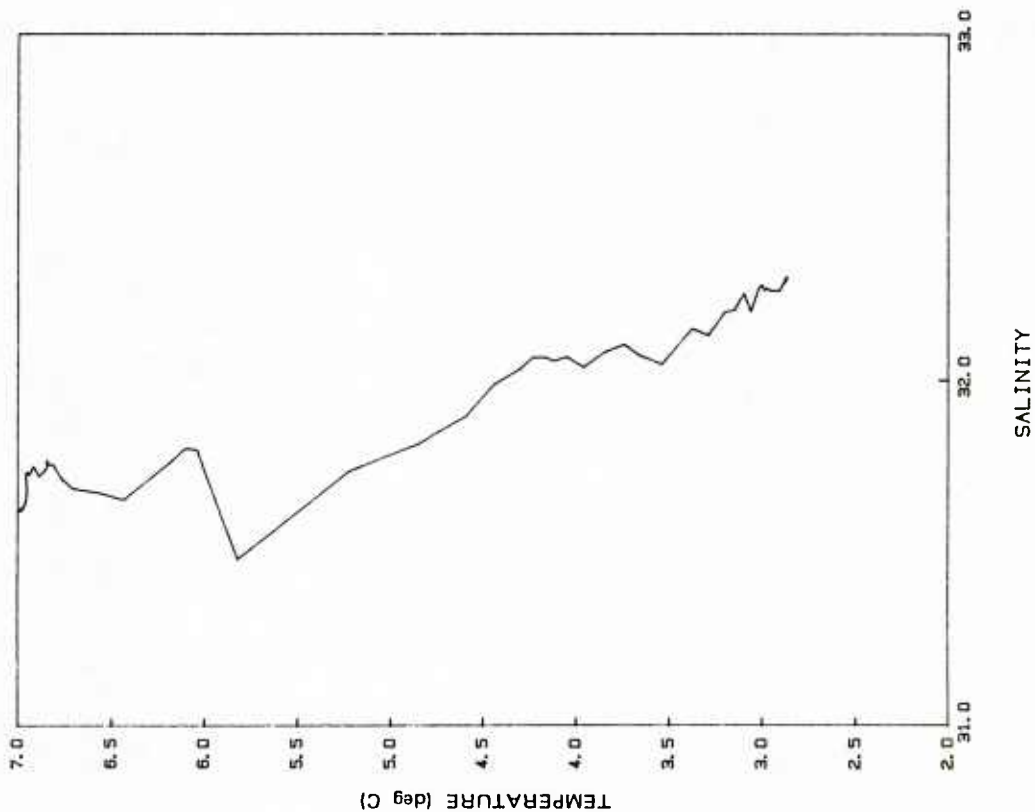
CAST # 75 DOWN  
 LAT 70 55.4 N  
 LON 160 18.9 W  
 DATE 09-04-1985  
 TIME 22:35:39  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



CAST# 75 DOWN  
 DATE: 85/09/04  
 TIME: 22:35:38  
 LAT: 70 55.4 N  
 LON: 160 18.9 W

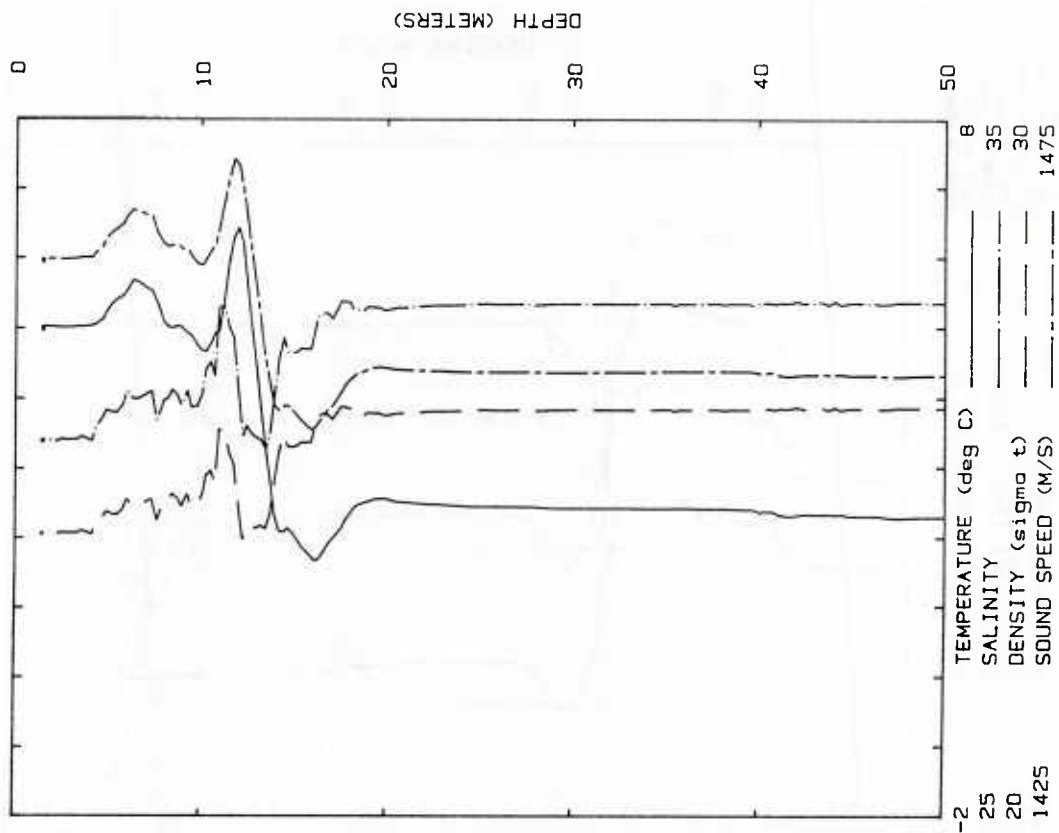
# MIZPAC 85 TS CURVE





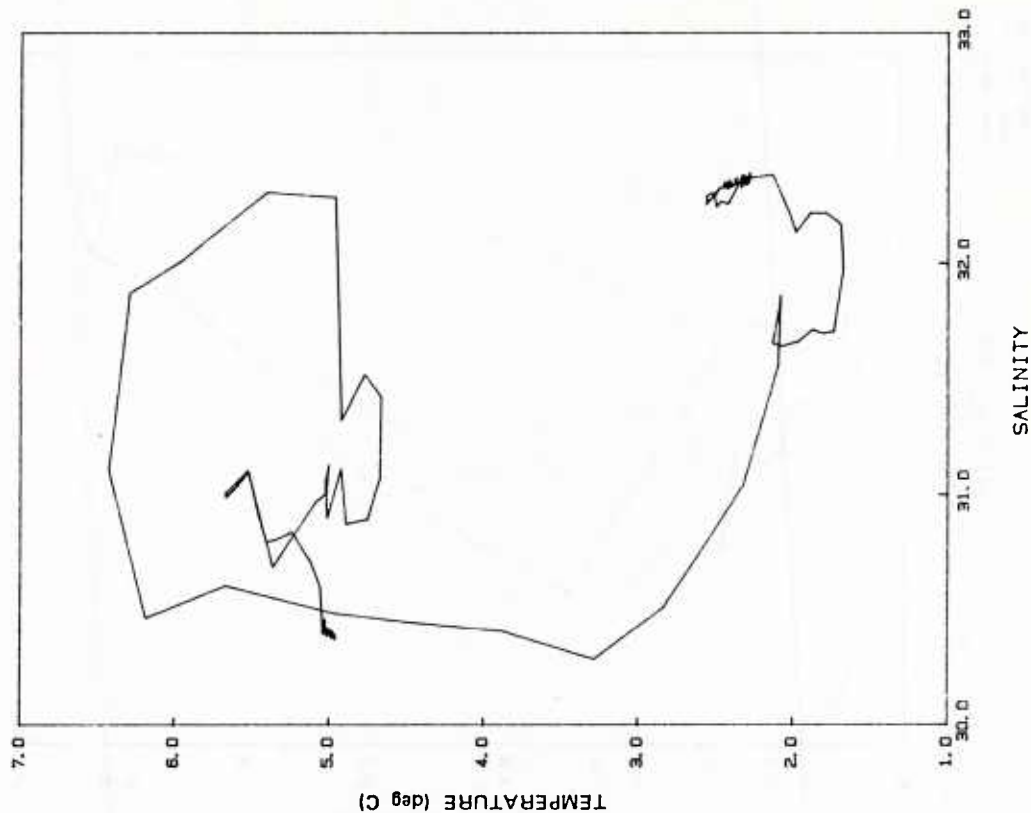
CAST # 76 DOWN  
 LAT 70 57.5 N  
 LON 160 24.3 W  
 DATE 08-04-1985  
 TIME 23:12:50  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



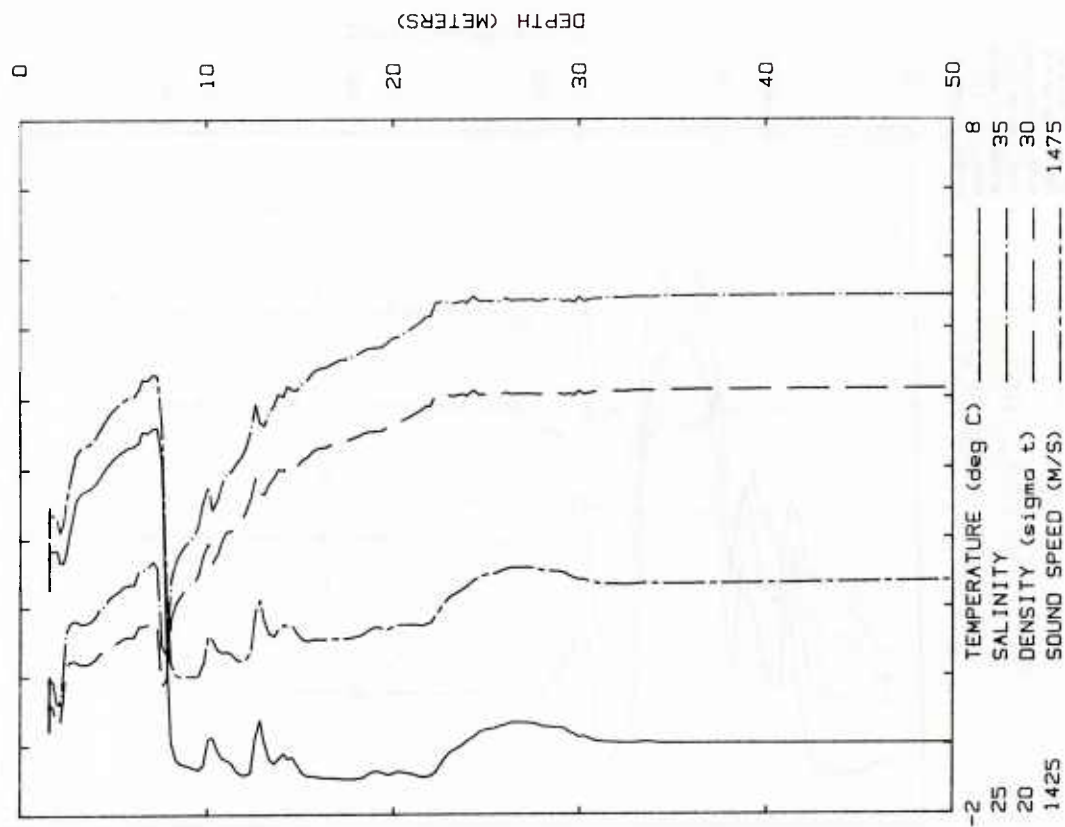
CAST# 76 DOWN  
 DATE: 85/08/04  
 TIME: 23:12:50  
 LAT: 70 57.5 N  
 LON: 160 24.3 W

# MIZPAC 85 TS CURVE



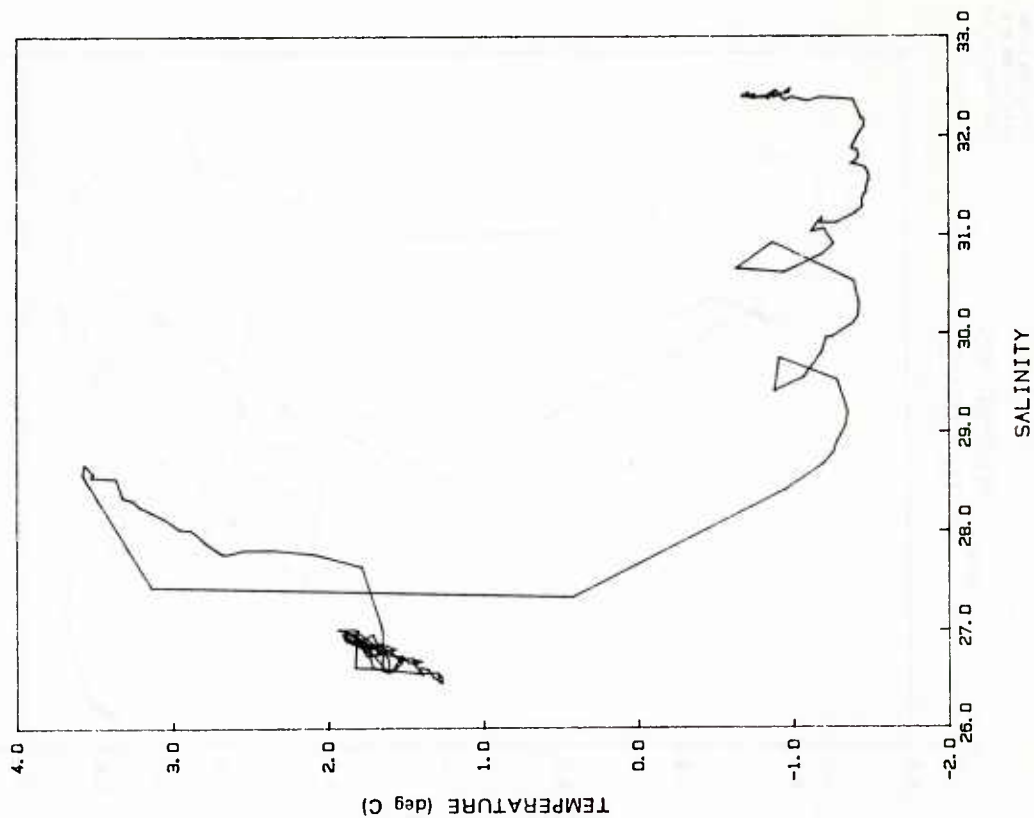
CAST # 79 DOWN  
 LAT 71 05.9 N  
 LON 160 32.7 W  
 DATE 09-05-1985  
 TIME 01:37:12  
 SENSOR NEIL BROWN  
 MODEL NO. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



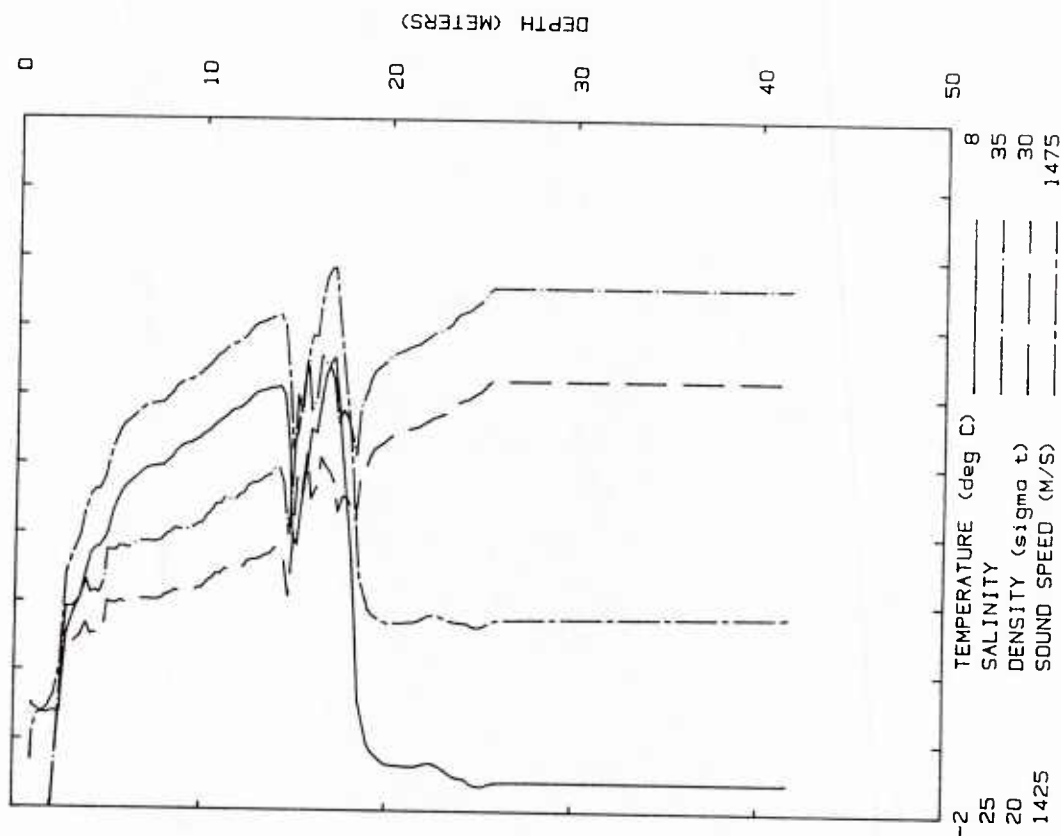
CAST # 79 DOWN  
 DATE 05/08/05  
 TIME 01:37:12  
 LAT 71 05.9 N  
 LON 160 32.7 W

# MIZPAC 85 TS CURVE



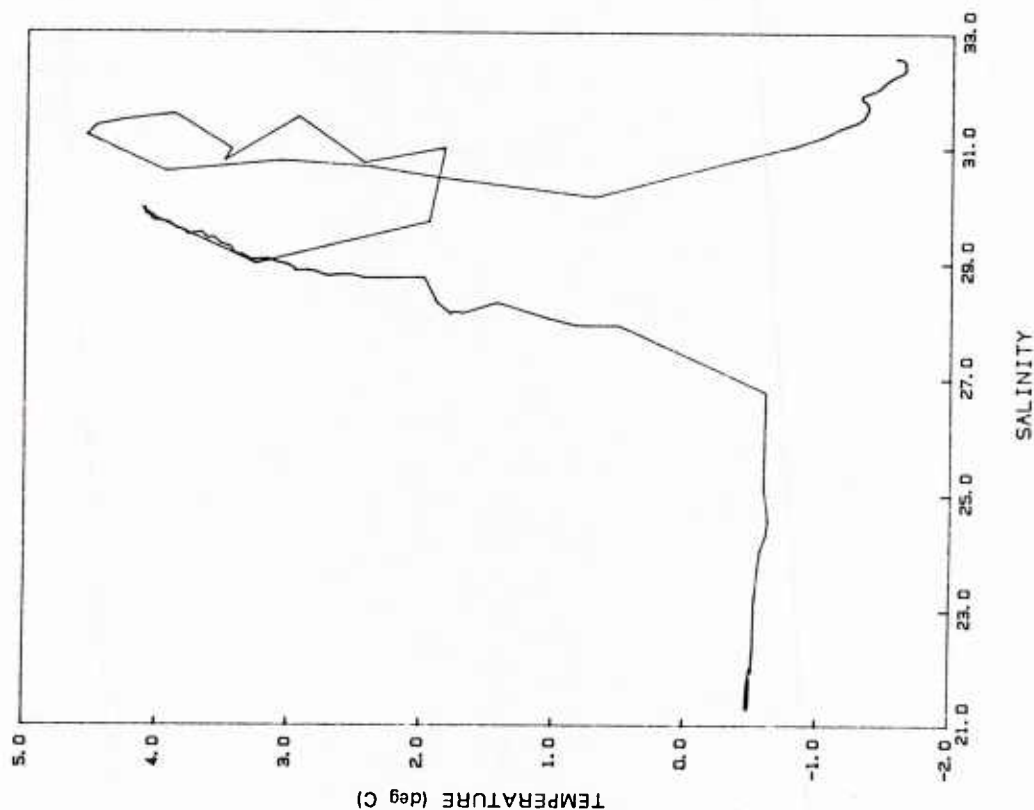
CAST # 80 DOWN  
 LAT 71 08.9 N  
 LON 160 36.5 W  
 DATE 09-05-1985  
 TIME 02:44:15  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



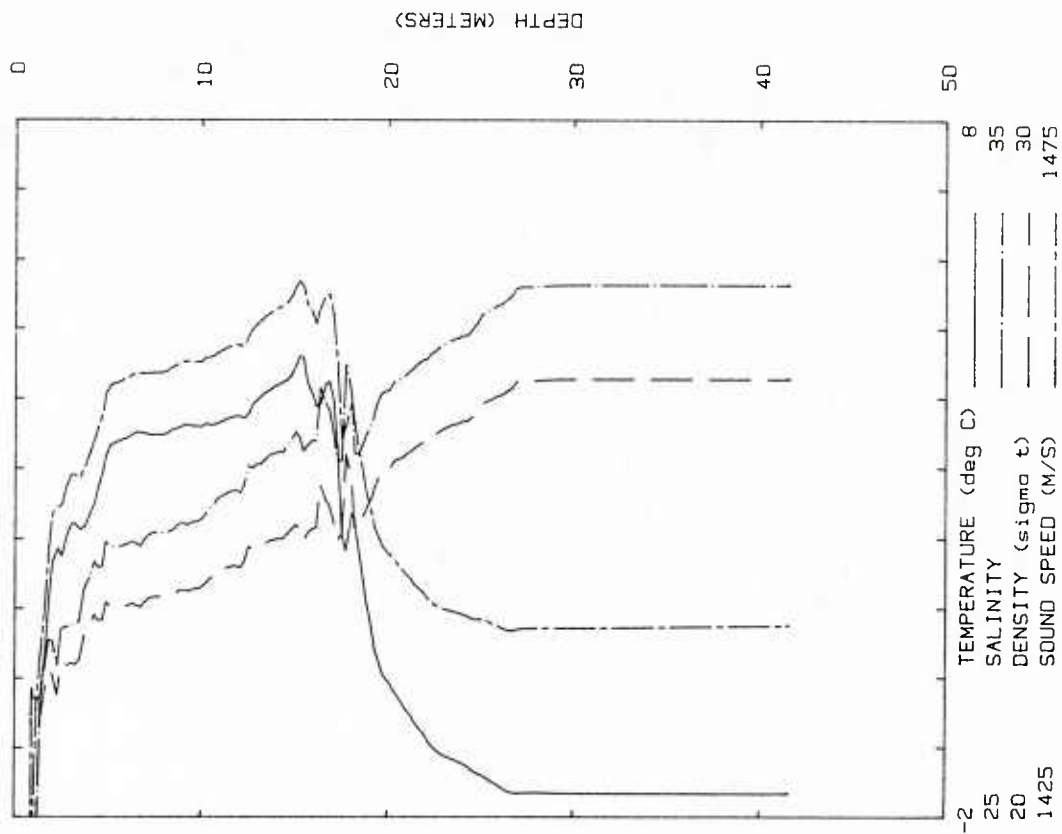
CAST# 80 DOWN  
 DATE, 85/05/05  
 TIME, 02:44:15  
 LAT, 71 08.9 N  
 LON, 160 36.5 W

# MIZPAC 85 TS CURVE



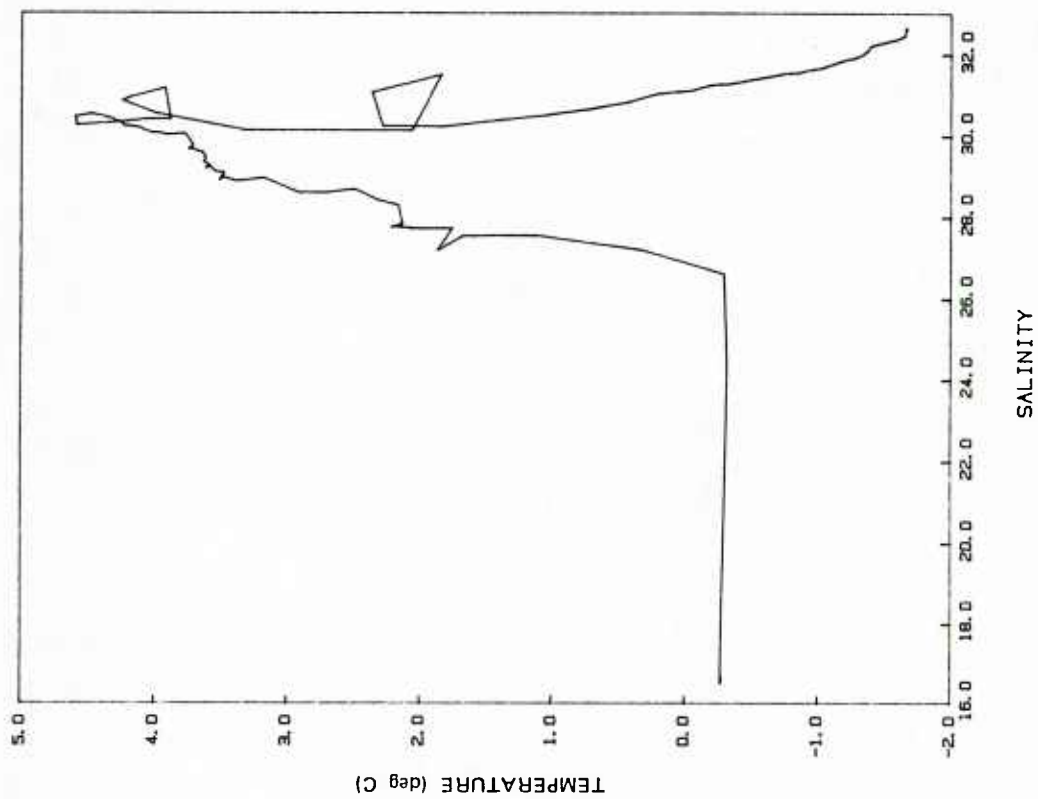
CAST # 81 DOWN  
 LAT 71 11.6 N  
 LON 160 39.8 W  
 DATE 08-05-1985  
 TIME 03:44:53  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



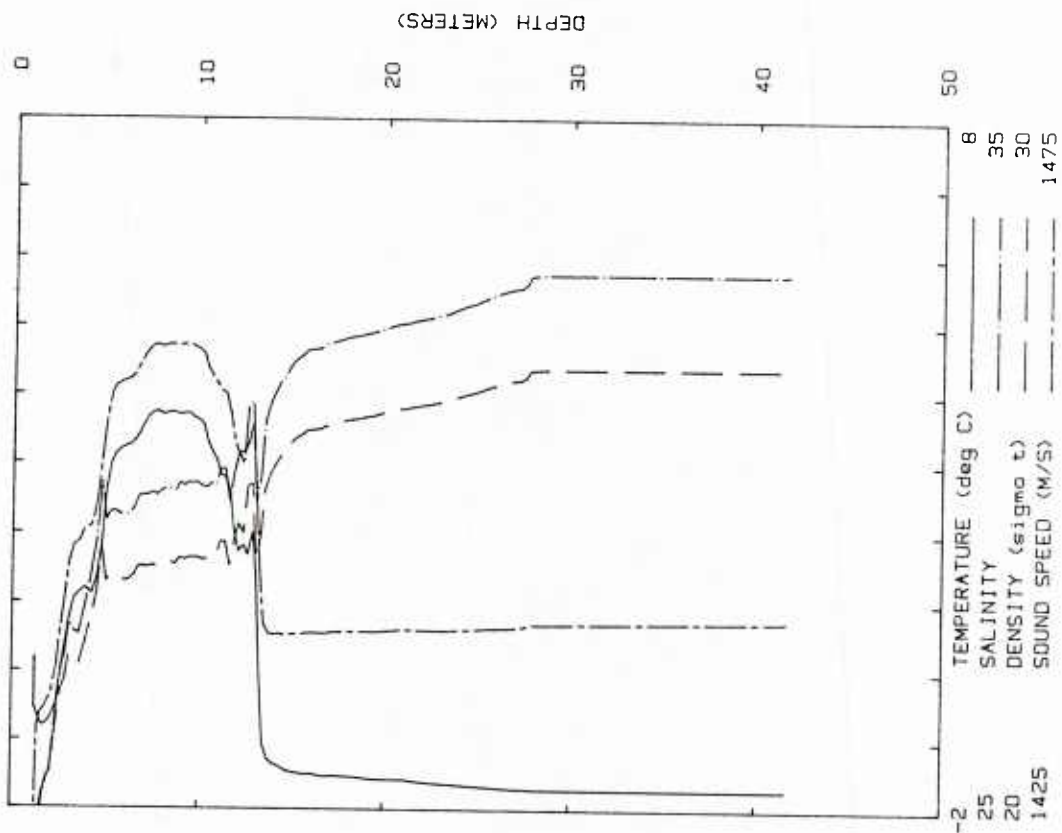
CAST# 81 DOWN  
 DATE, 85/08/05  
 TIME, 03:44:53  
 LAT, 71 11.6 N  
 LON, 160 39.8 W

# MIZPAC 85 TS CURVE



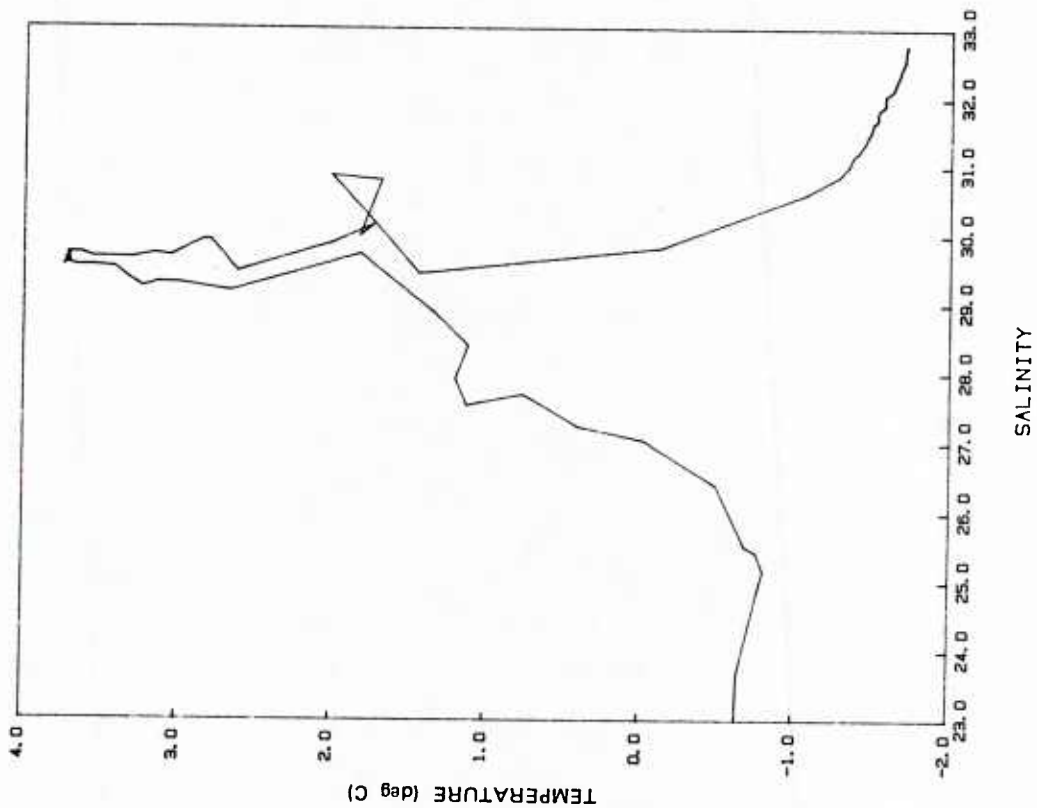
CAST # 82 DOWN  
 LAT 71 70.0 N  
 LON 160 47.7 W  
 DATE 09-05-1985  
 TIME 05:40:32  
 SENSOR MEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



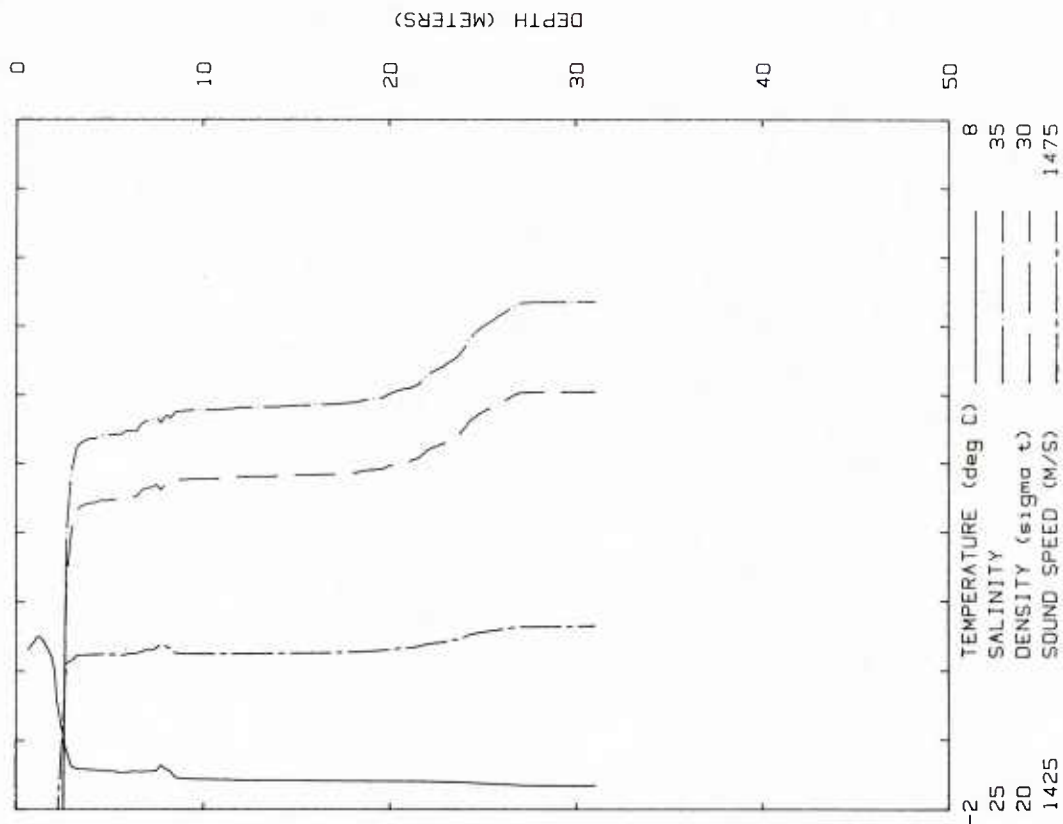
CAST# 82 DOWN  
 DATE: 85/09/05  
 TIME: 05:40:32  
 LAT: 71 70.0 N  
 LON: 160 47.7 W

# MIZPAC 85 TS CURVE



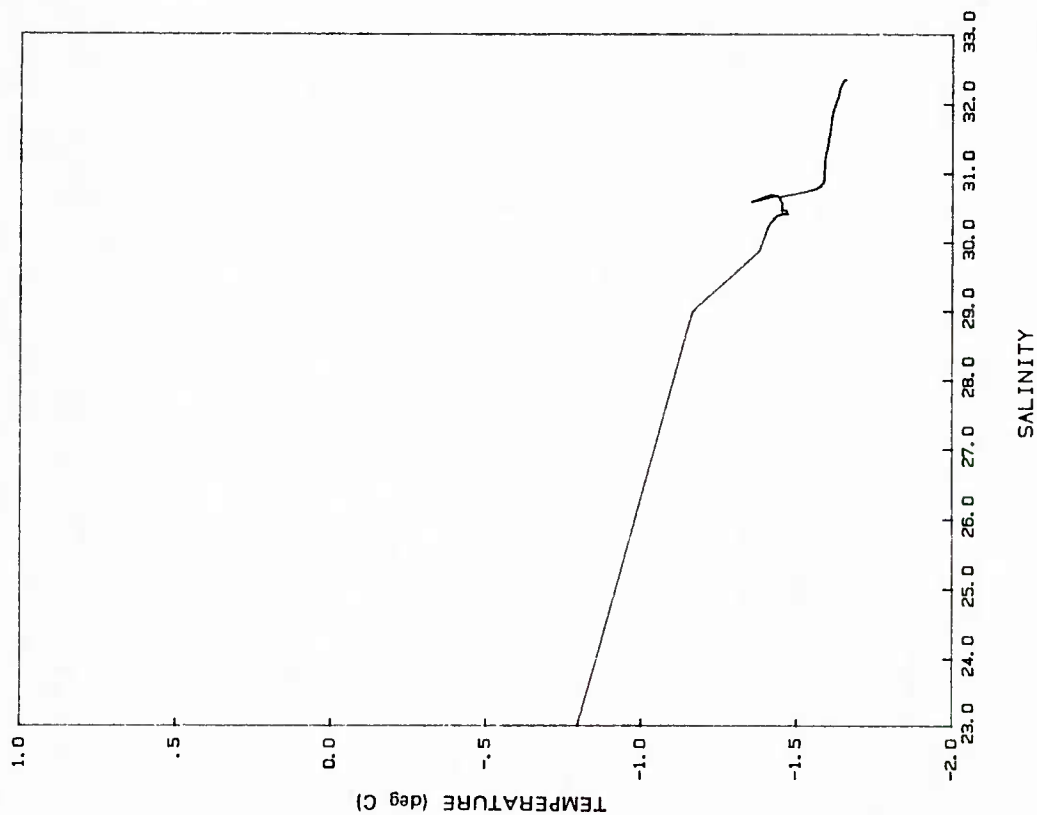
CAST # 83 DOWN  
 LAT 71 50.5 N  
 LON 161 13.5 W  
 DATE 09-05-1985  
 TIME 18:48:06  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



CAST# 83 DOWN  
 DATE: 09/05/85  
 TIME: 18:48:06  
 LAT: 71 50.5 N  
 LON: 161 13.5 W

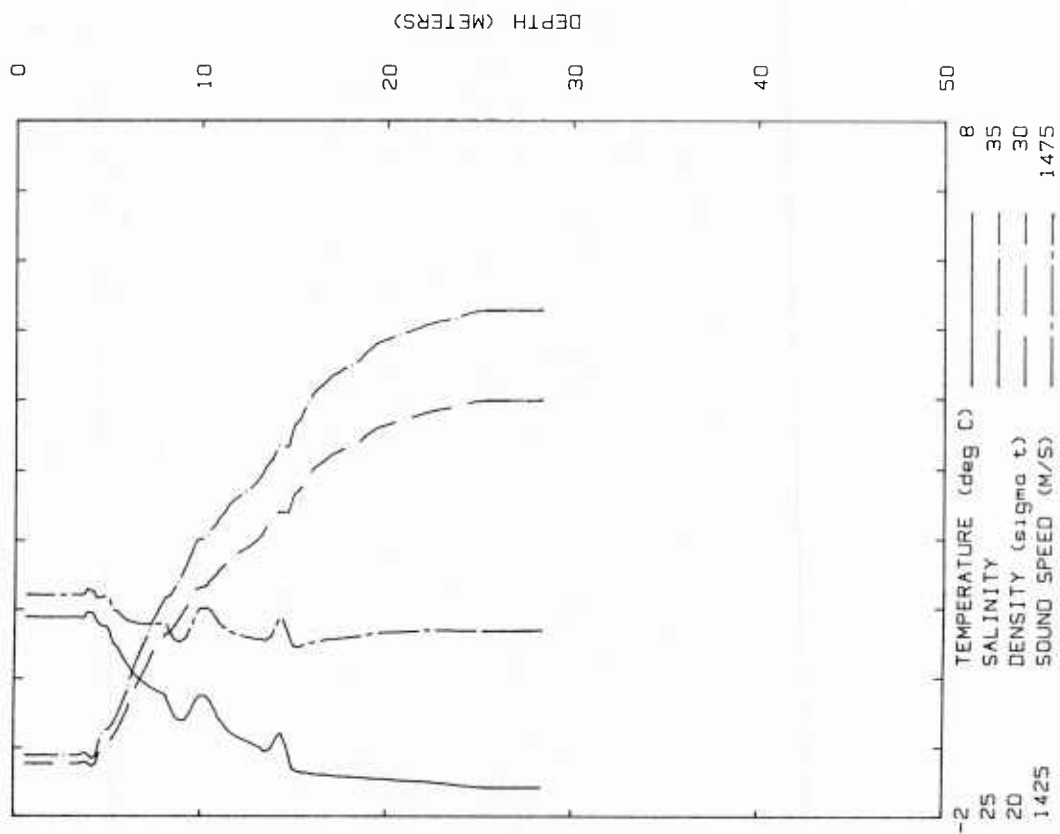
# MIZPAC 85 TS CURVE





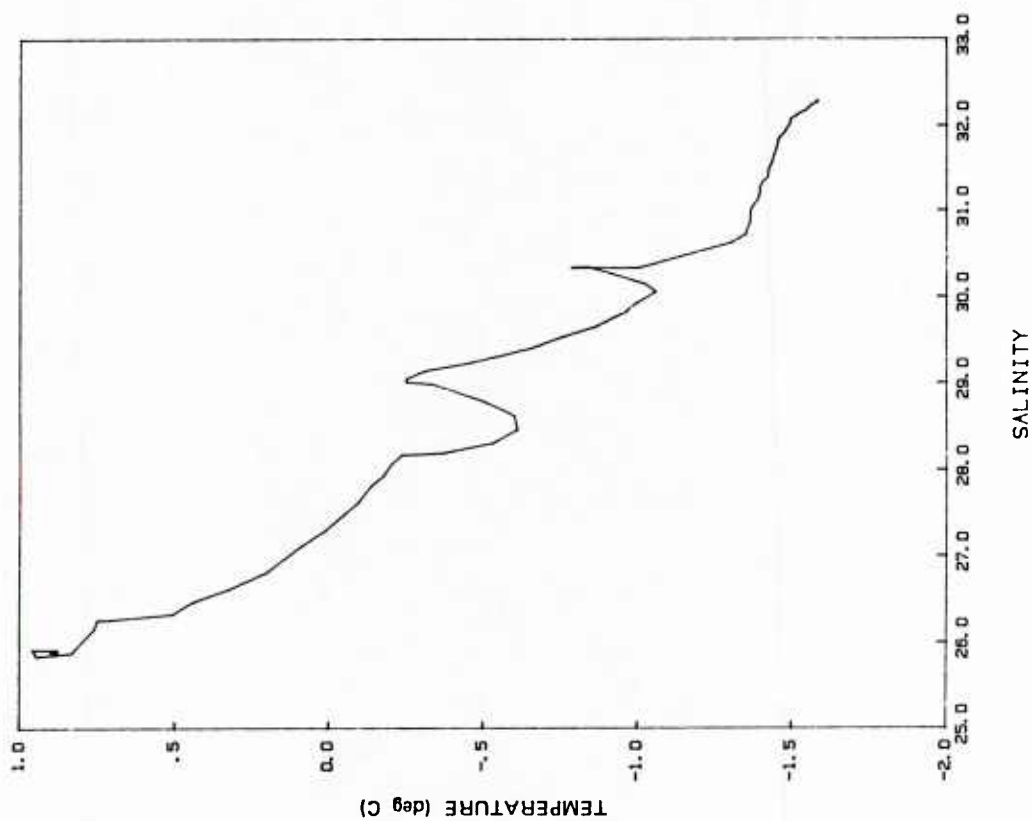
CAST # 84 DOWN  
 LAT 72 00.0 N  
 LON 160 00.0 W  
 DATE 08-05-1985  
 TIME 23:37:59  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



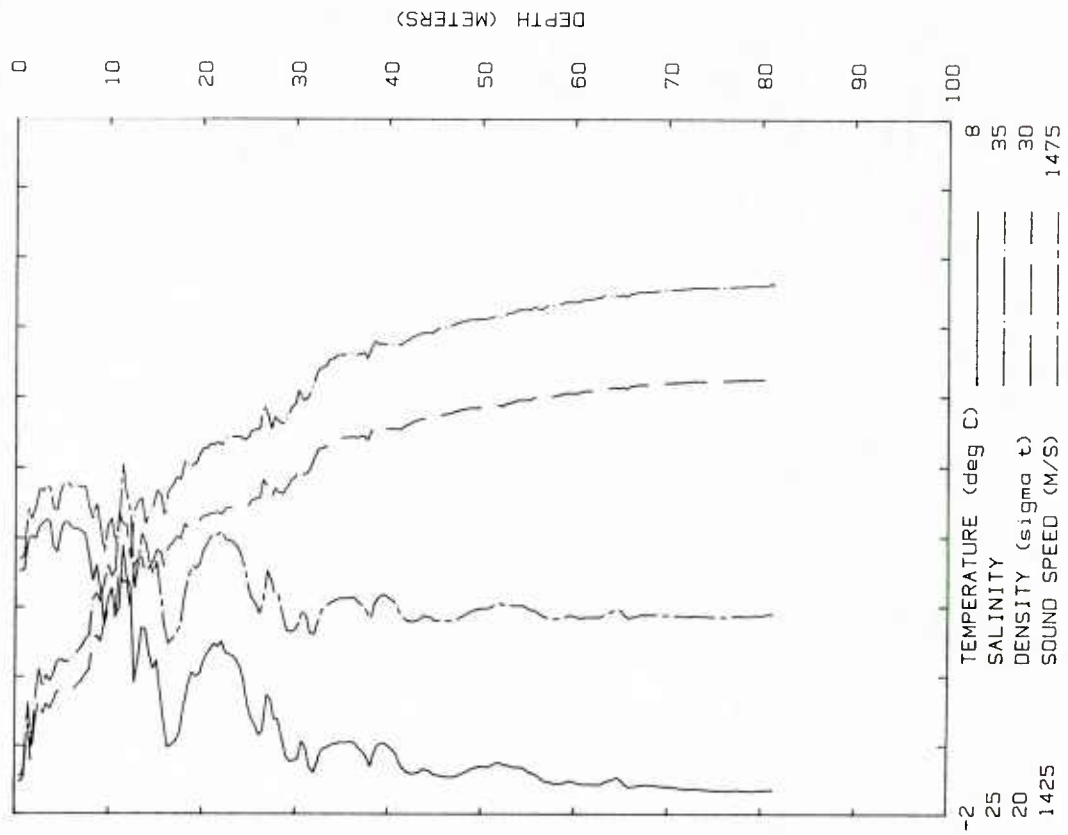
CAST# 84 DOWN  
 DATE: 85/08/05  
 TIME: 23:37:59  
 LAT: 72 00.0 N  
 LON: 160 00.0 W

# MIZPAC 85 TS CURVE



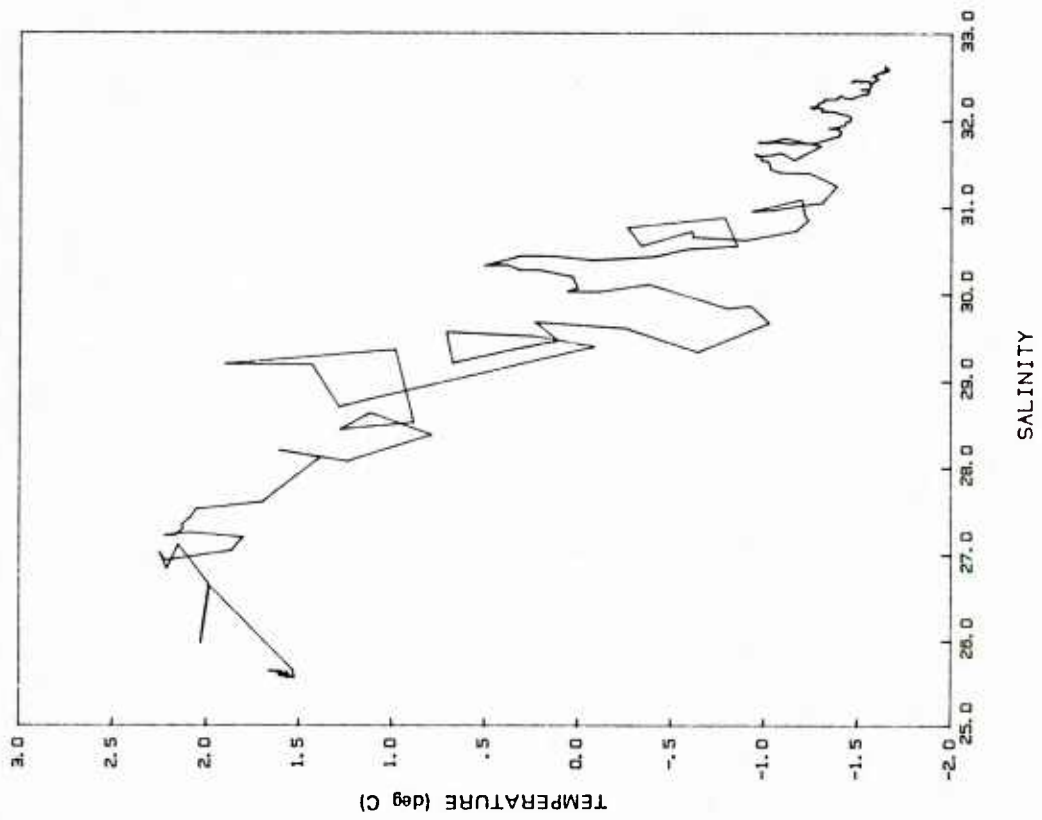
CAST # 85 DOWN  
 LAT 72 00.0 N  
 LON 156 45.7 W  
 DATE 09-05-1985  
 TIME 04:28.49  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



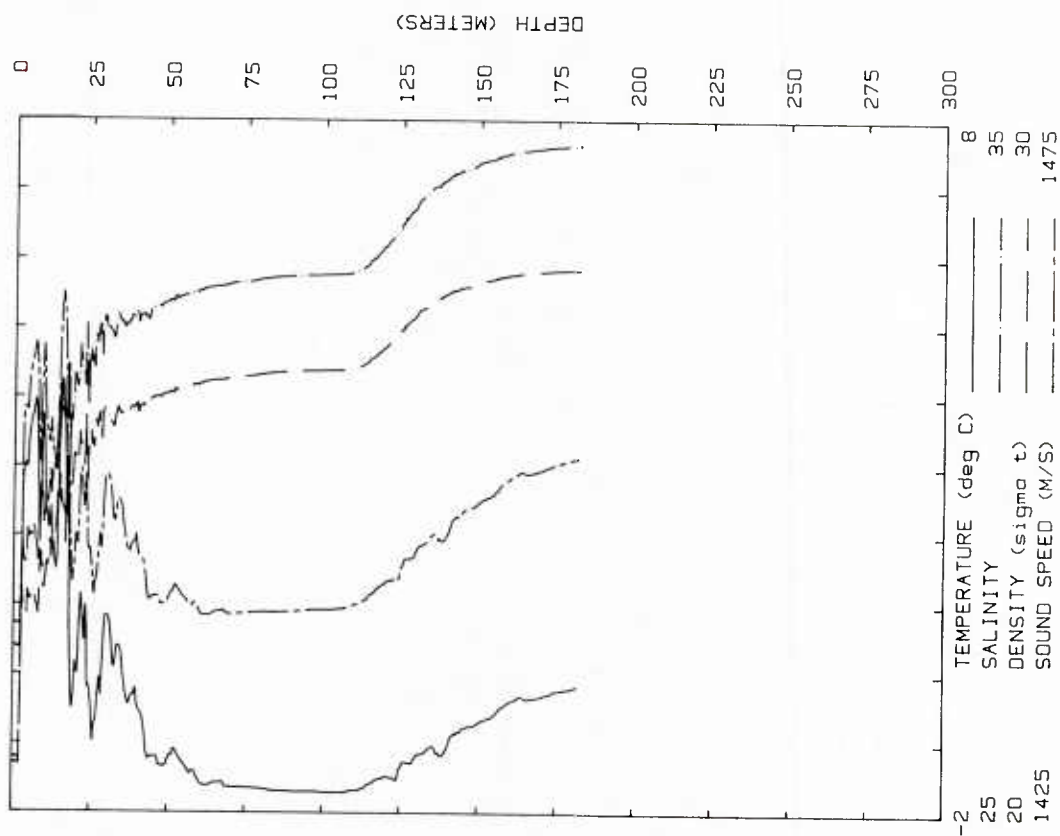
CAST # 85 DOWN  
 DATE 09/05/85  
 TIME 04:28.49  
 LAT 72 00.0 N  
 LON 156 45.7 W

# MIZPAC 85 TS CURVE



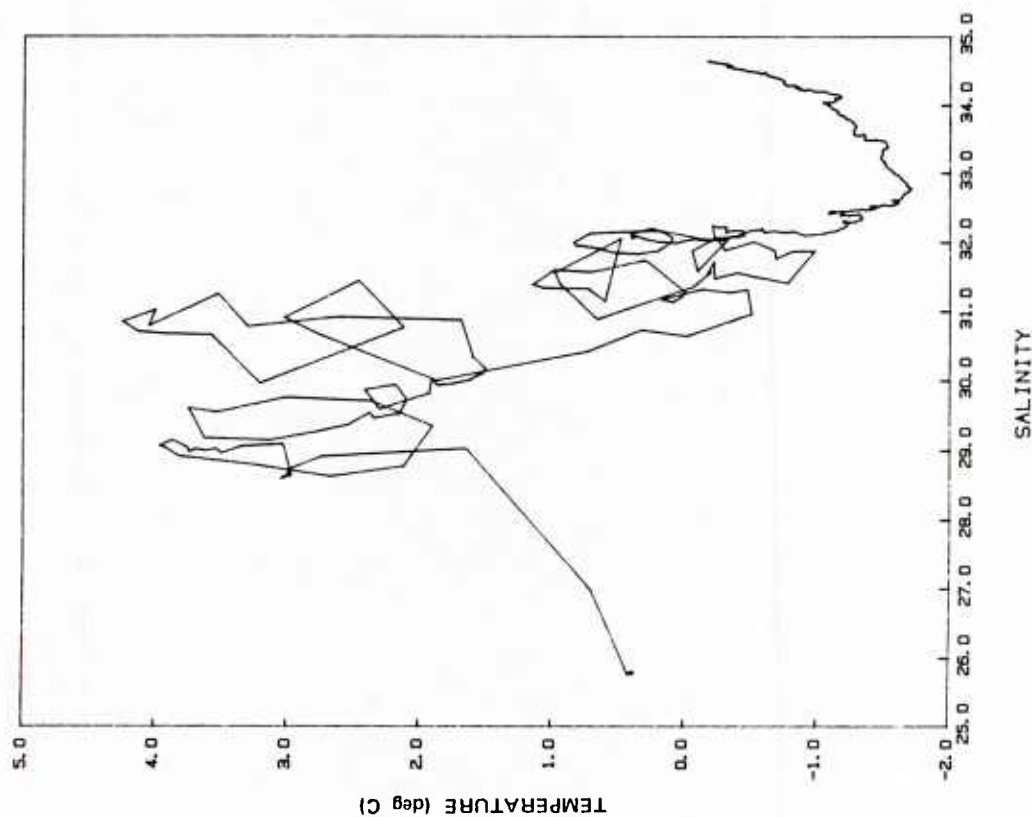
CAST # 86 DOWN  
LAT 72 00.0 N  
LON 155 25.5 W  
DATE 09-06-1985  
TIME 06:47.44  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



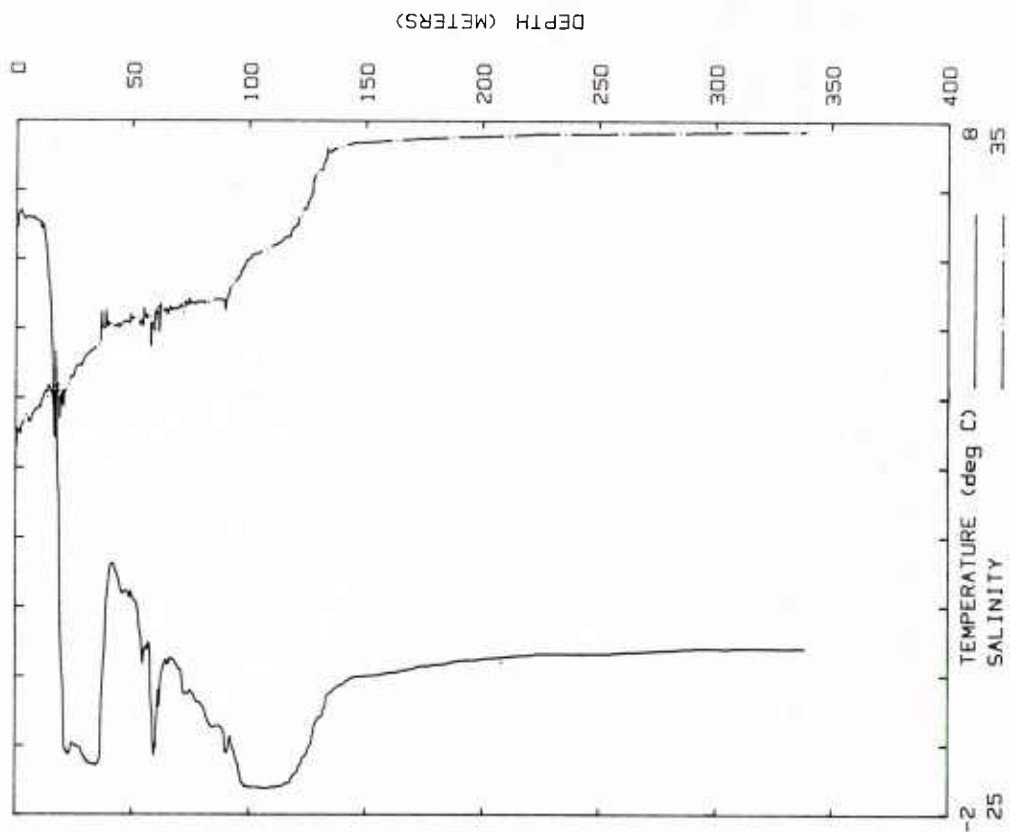
CAST# 86 DOWN  
DATE: 85/08/06  
TIME: 06:47.44  
LAT: 72 00.0 N  
LON: 155 25.5 W

# MIZPAC 85 TS CURVE



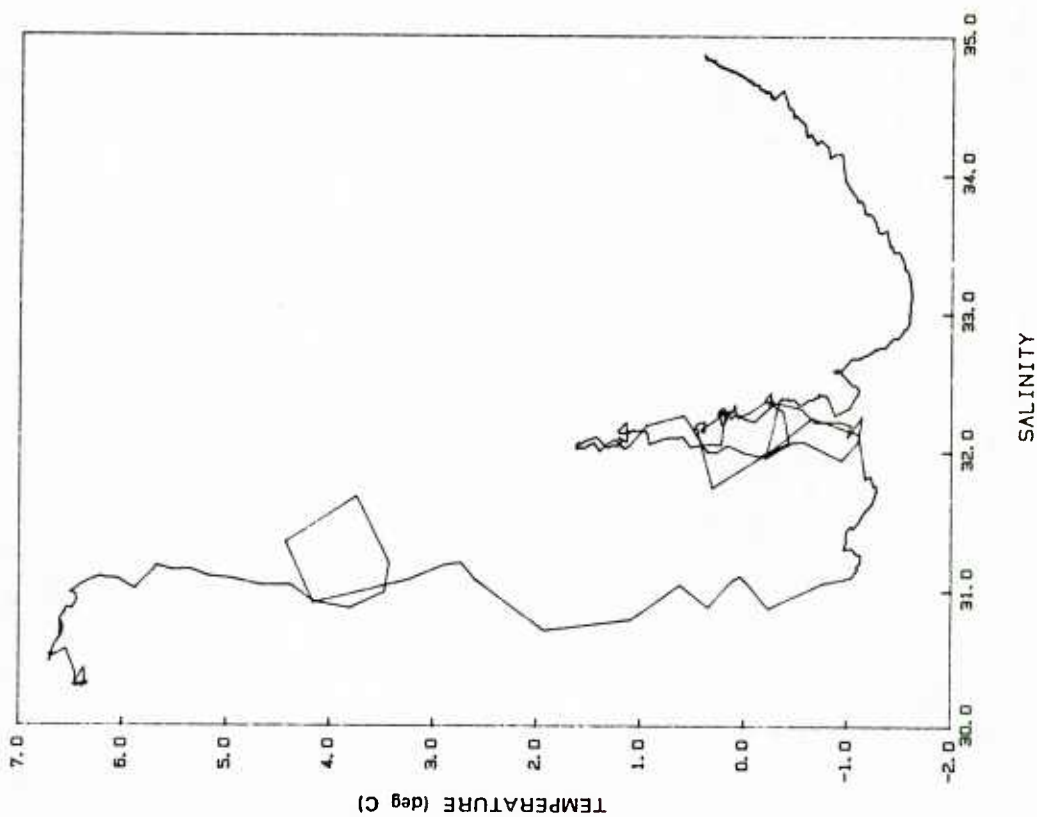
CAST # 87 DOWN  
 LAT 71 58.8 N  
 LON 154 04.4 W  
 DATE 08-06-1985  
 TIME 09:04:03  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



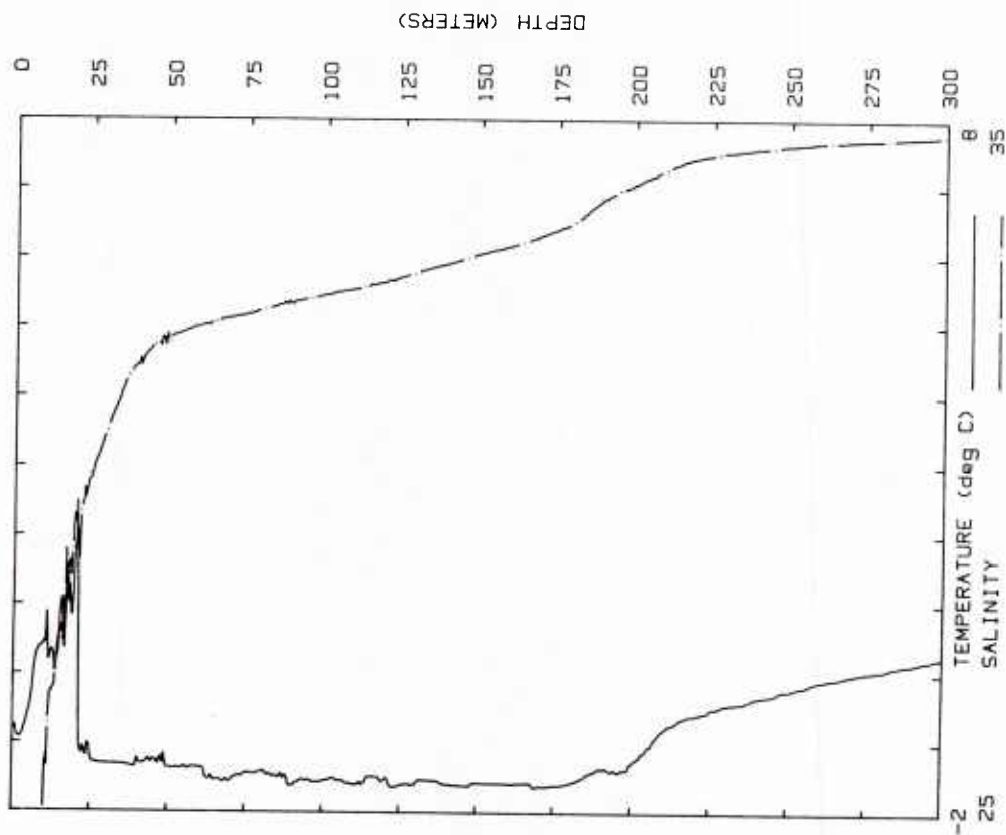
CAST# 87 DOWN  
 DATE: 08/06/85  
 TIME: 09:04:03  
 LAT: 71 58.8 N  
 LON: 154 04.4 W

# MIZPAC 85 TS CURVE



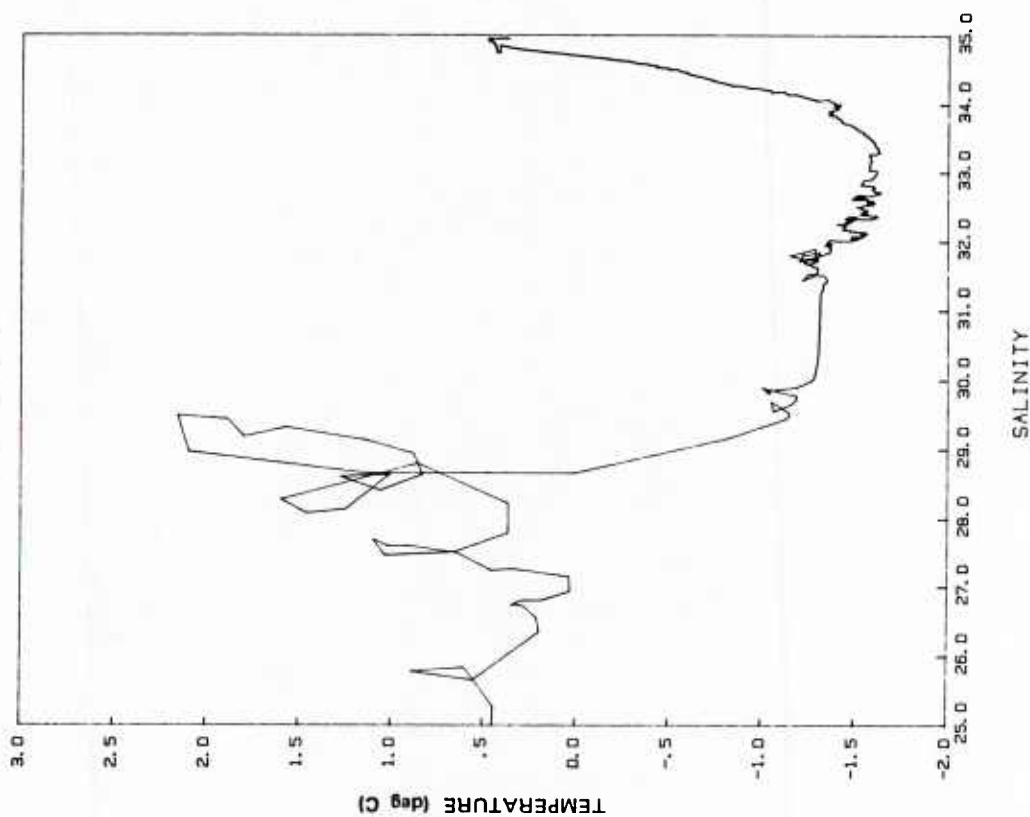
CAST # 88 DOWN  
 LAT 71 59.2 N  
 LON 152 48.5 W  
 DATE 09-06-1985  
 TIME 11:57:36  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



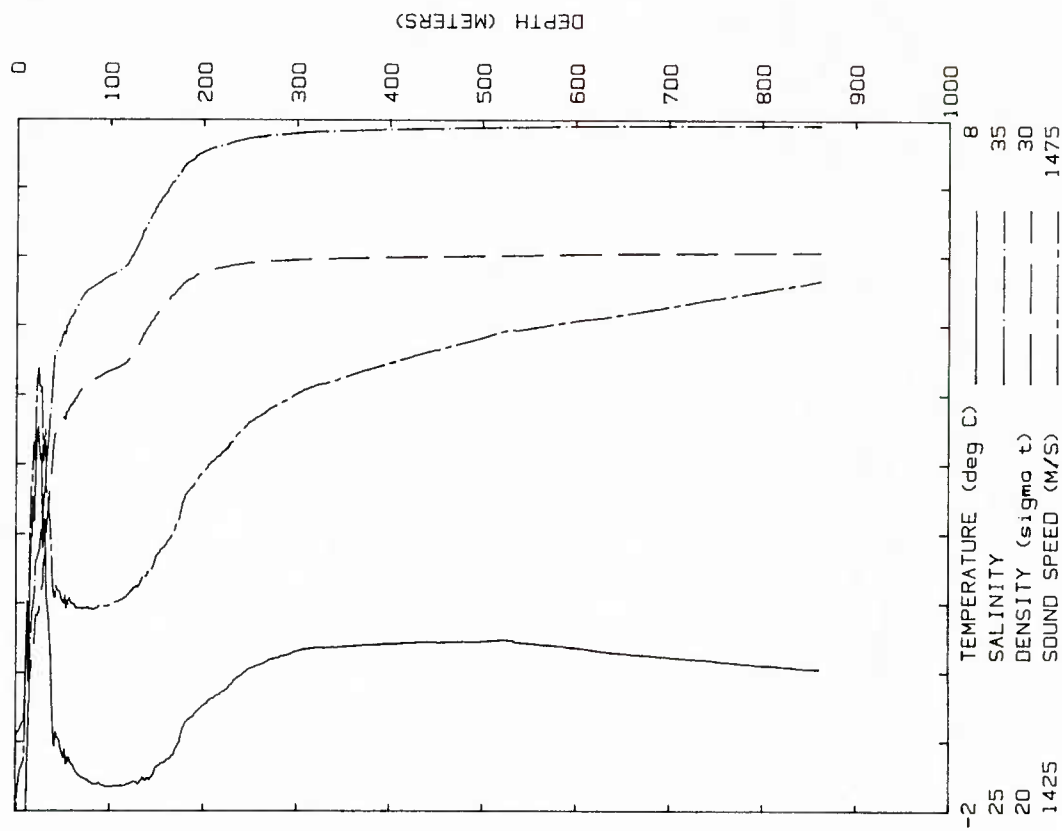
CAST# 88 DOWN  
 DATE: 85/09/06  
 TIME: 11:57:36  
 LAT: 71 59.2 N  
 LON: 152 48.5 W

# MIZPAC 85 TS CURVE



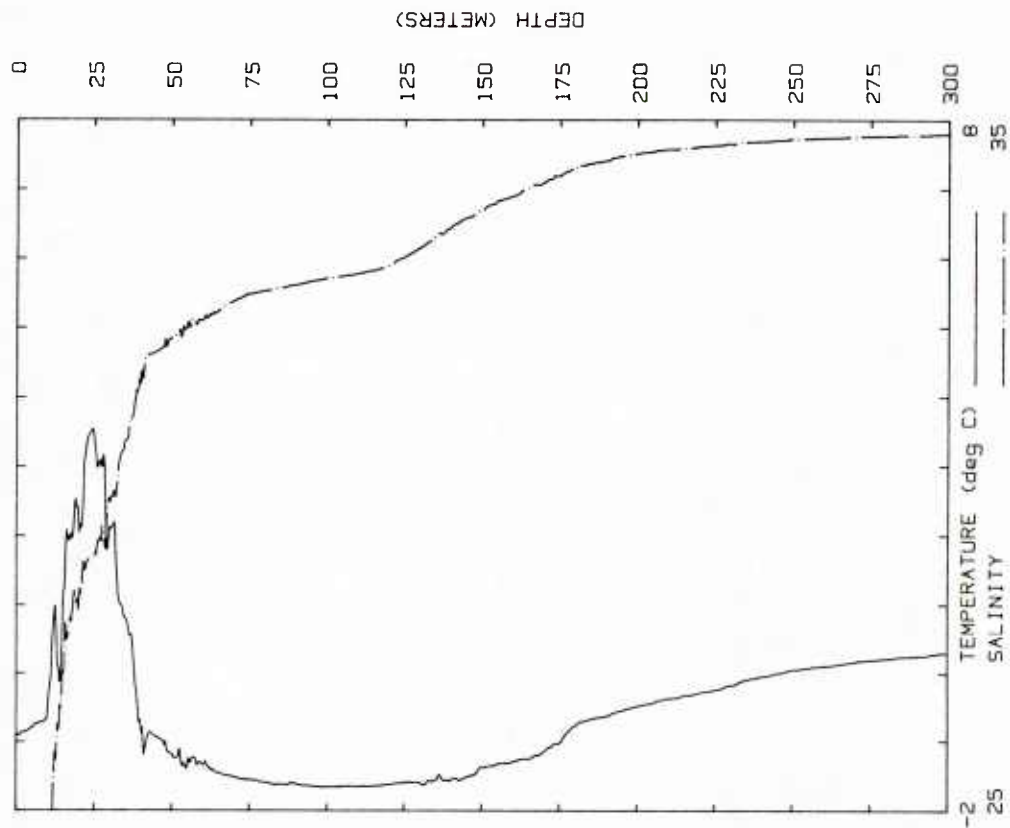
CAST # 89 DOWN  
LAT 72 00.4 N  
LON 151 24.9 W  
DATE 09-06-1985  
TIME 16:53:28  
SENSOR NEIL BROWN  
MODEL MK. III  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST # 89 DOWN  
LAT 72 00.4 N  
LON 151 24.9 W  
DATE 09-06-1985  
TIME 16:53:28  
SENSOR NEIL BROWN  
MODEL MK. III  
NUMBER 01-2904-1

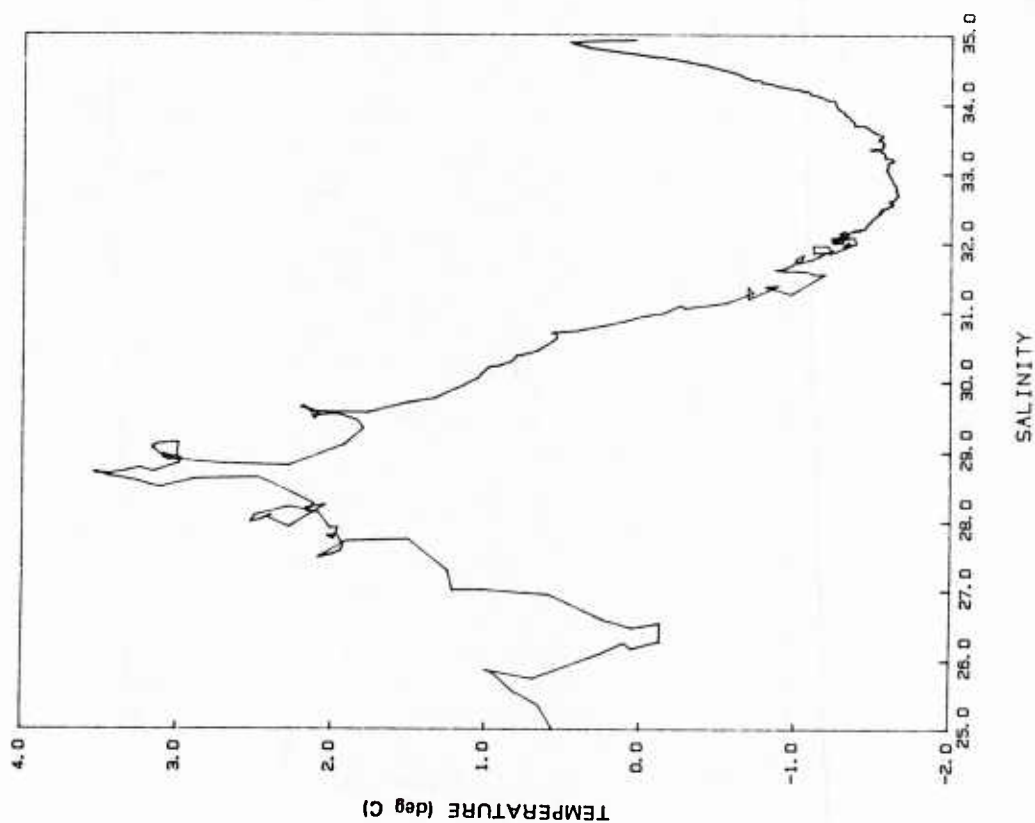
# MIZPAC 85 CTD PROFILE





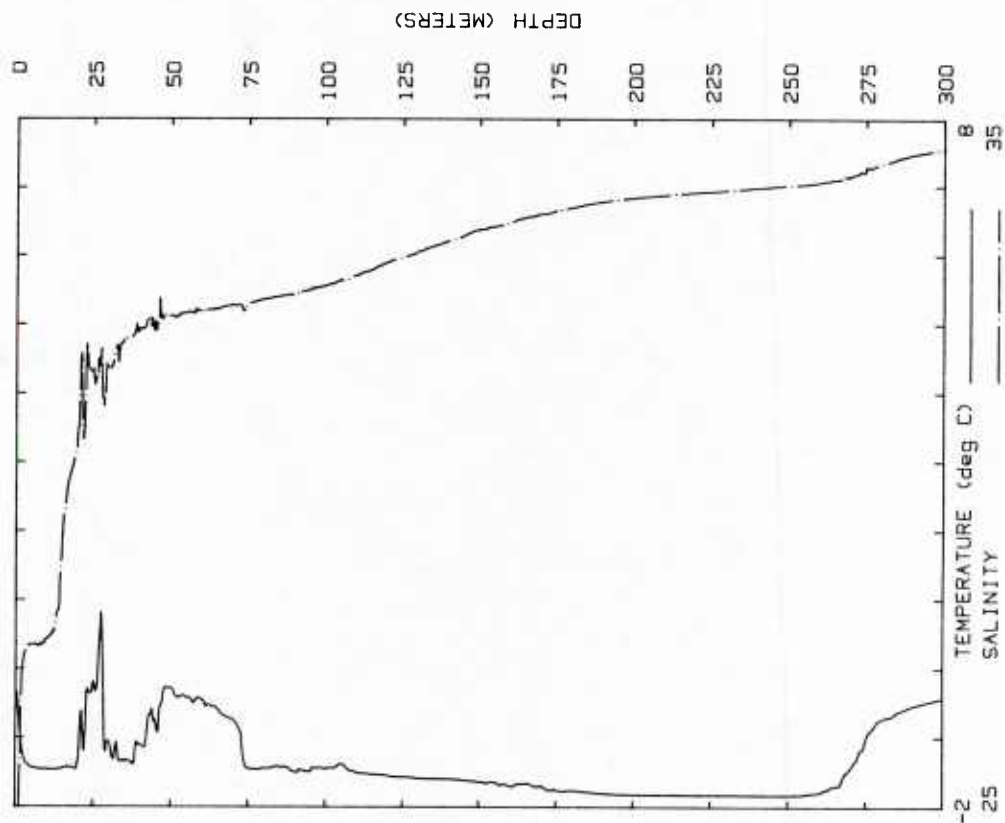
CAST # 89 DOWN  
 DATE, 85/05/06  
 TIME, 16:53.28  
 LAT, 72 00.4 N  
 LON, 151 24.9 W

# MIZPAC 85 TS CURVE



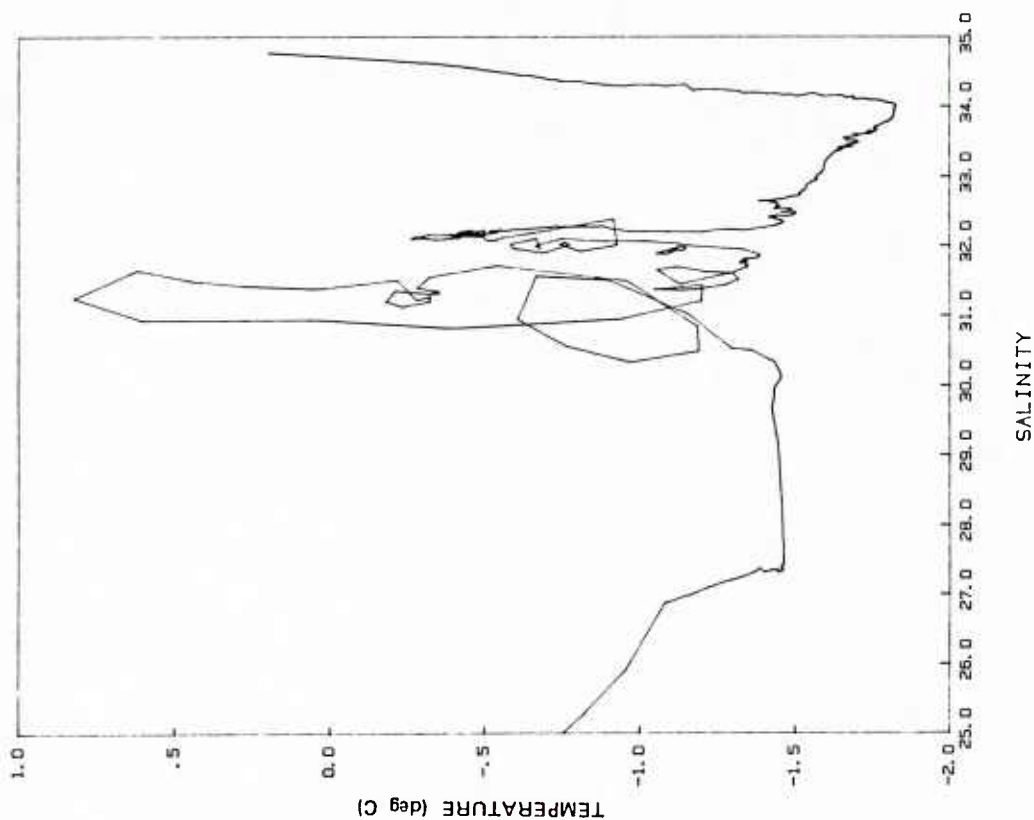
CAST # 90 DOWN  
 LAT 72 00.1 N  
 LON 150 07.3 W  
 DATE 09-06-1985  
 TIME 23:40.38  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



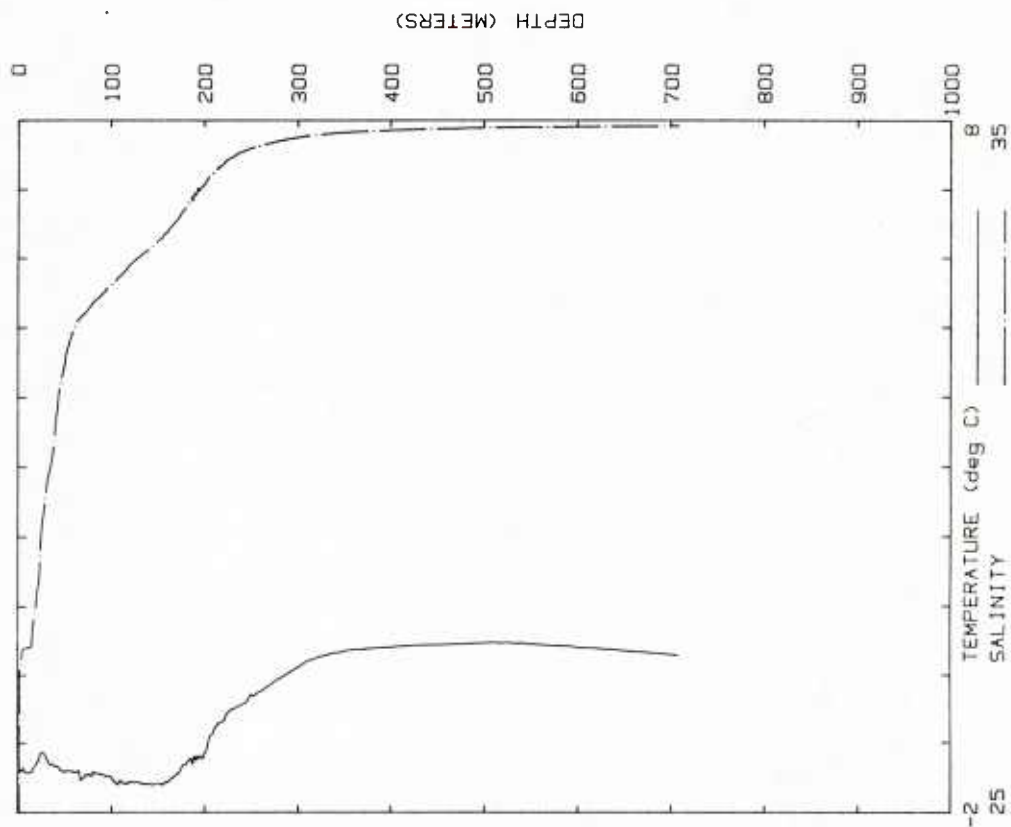
CAST# 90 DOWN  
DATE: 85/09/06  
TIME: 23:40:38  
LAT: 72 00.1 N  
LON: 150 07.3 W

MIZPAC 85  
TS CURVE



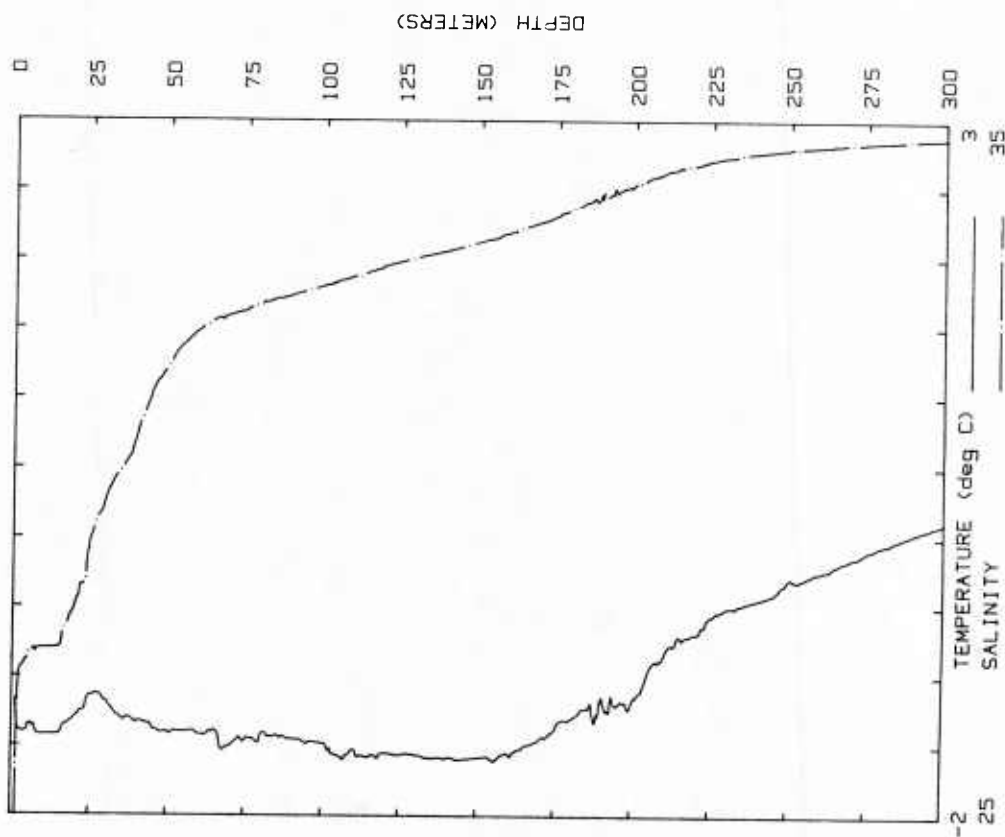
CAST # 91 DOWN  
LAT 72 00.1 N  
LON 146 44.6 W  
DATE 09-07-1985  
TIME 07:30:55  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2804-1

MIZPAC 85  
CTD PROFILE



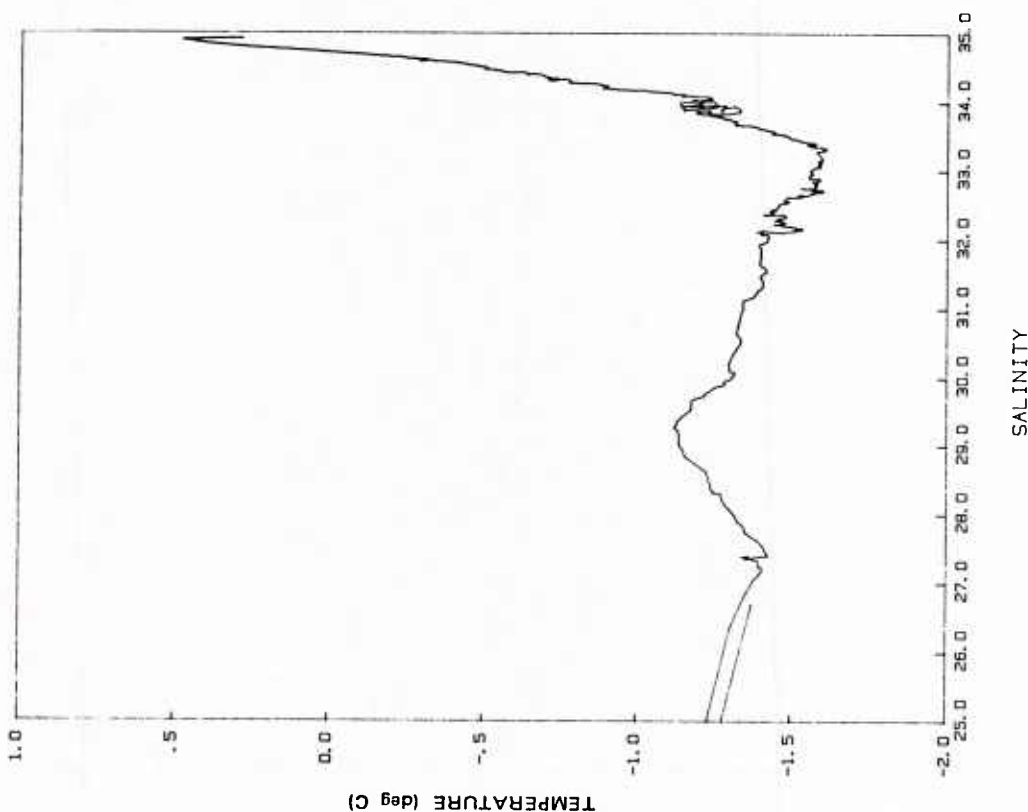
CAST # 91 DOWN  
 LAT 72 00.1 N  
 LON 148 44.6 W  
 DATE 08-07-1985  
 TIME 07:30:55  
 SENSOR NEIL BRDWN  
 MODEL MK 111  
 NUMBER 01-2304-1

# MIZPAC 85 CTD PROFILE



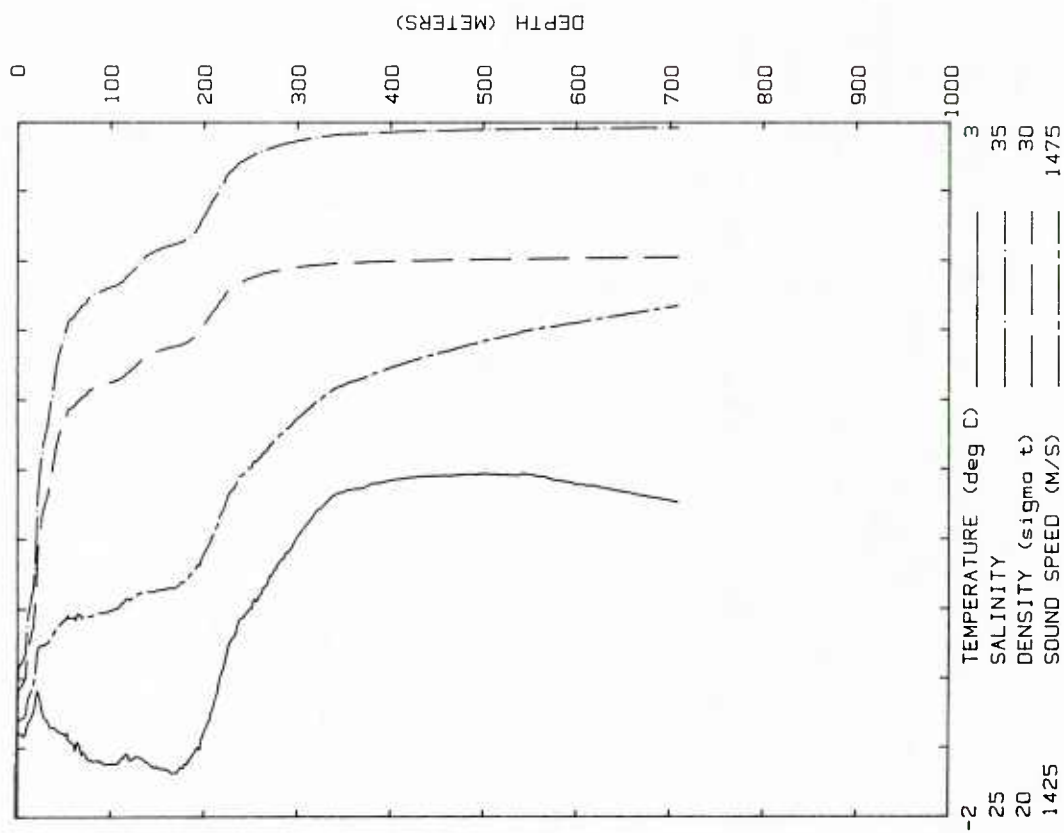
CAST# 91 DOWN  
 DATE: 85/08/07  
 TIME: 07:30:55  
 LAT: 72 00.1 N  
 LON: 148 44.6 W

# MIZPAC 85 TS CURVE



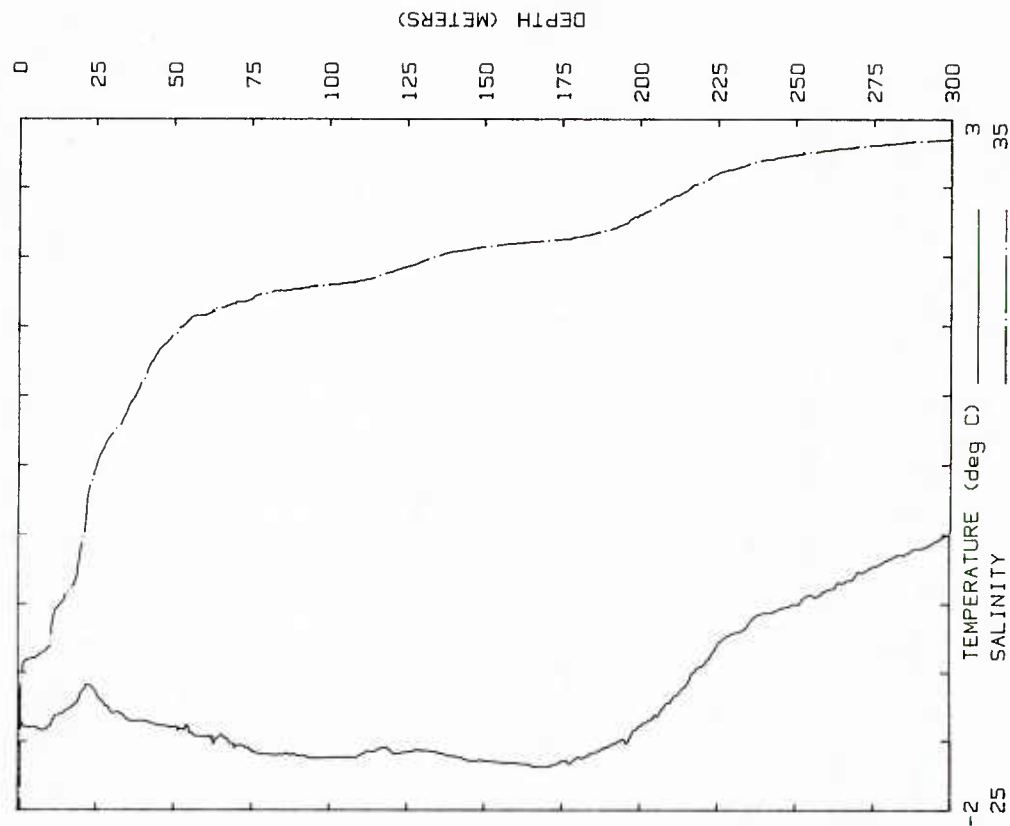
CAST # 92 DOWN  
LAT 71 50.0 N  
LON 148 43.5 W  
DATE 09-07-1985  
TIME 18:40:12  
SENSOR NEIL BROWN  
MODEL MK. III  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



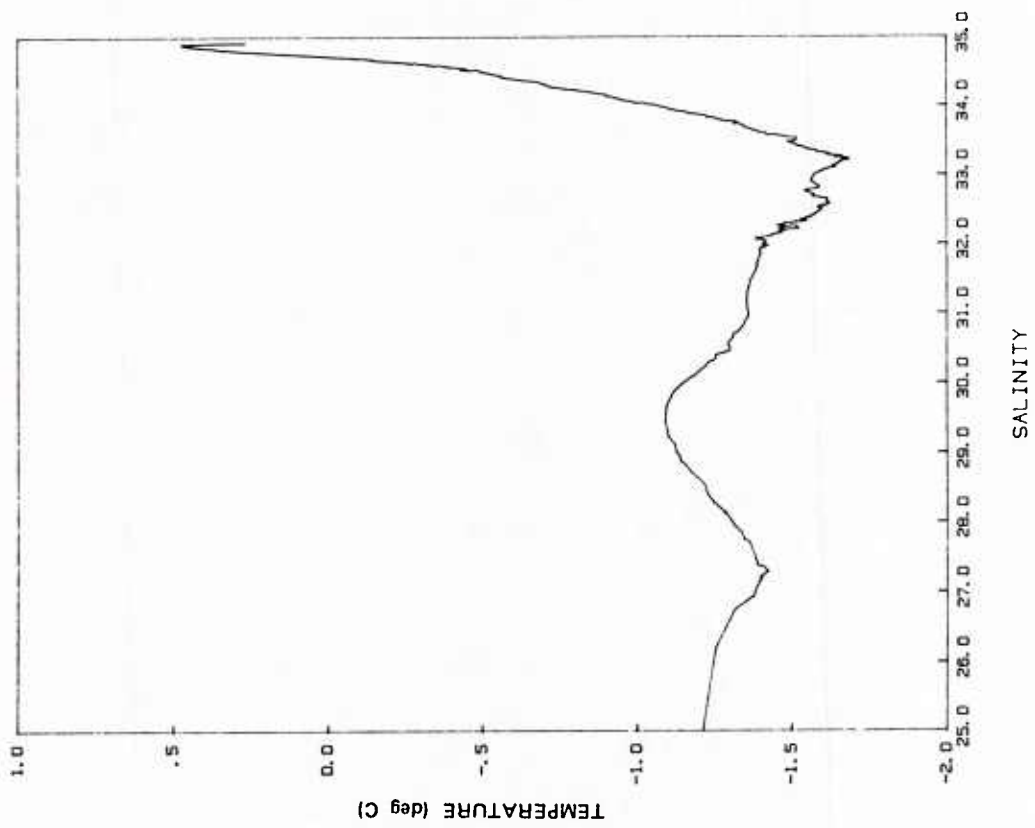
CAST # 92 DOWN  
LAT 71 50.0 N  
LON 148 43.5 W  
DATE 09-07-1985  
TIME 18:40:12  
SENSOR NEIL BROWN  
MODEL MK. III  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



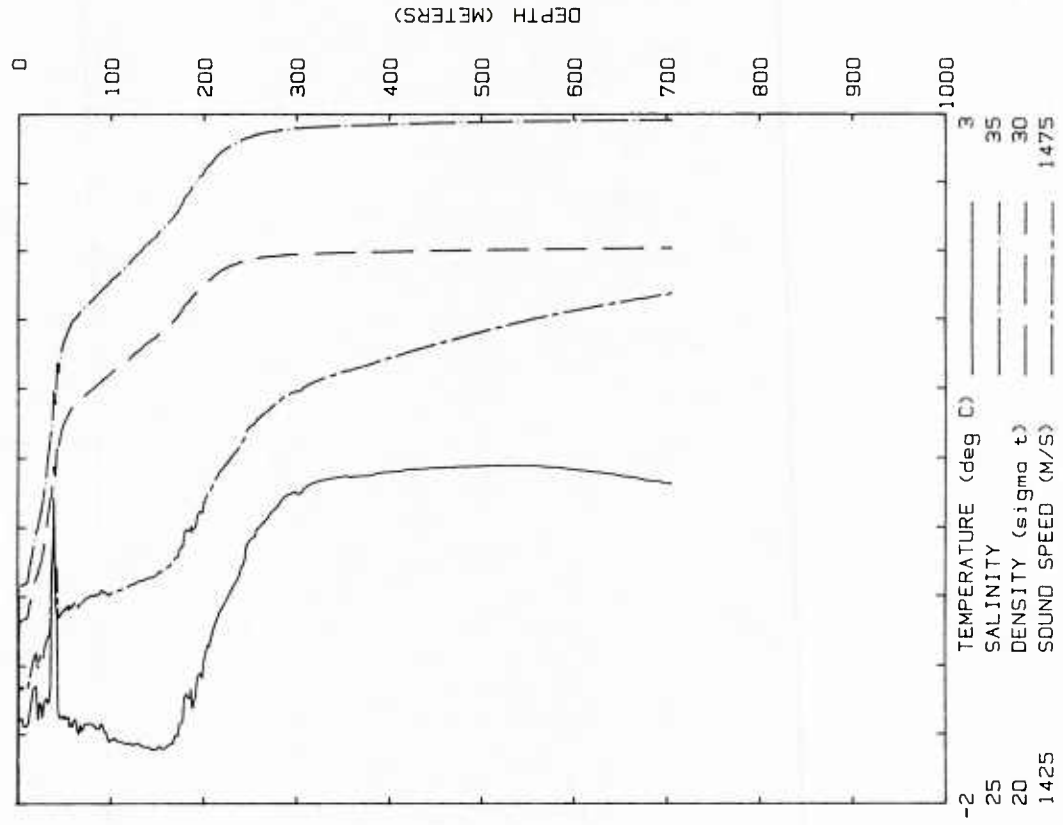
CAST# 92 DOWN  
 DATE: 05/09/07  
 TIME: 18:40:12  
 LAT: 71.50.0 N  
 LON: 148.43.5 W

# MIZPAC 85 TS CURVE



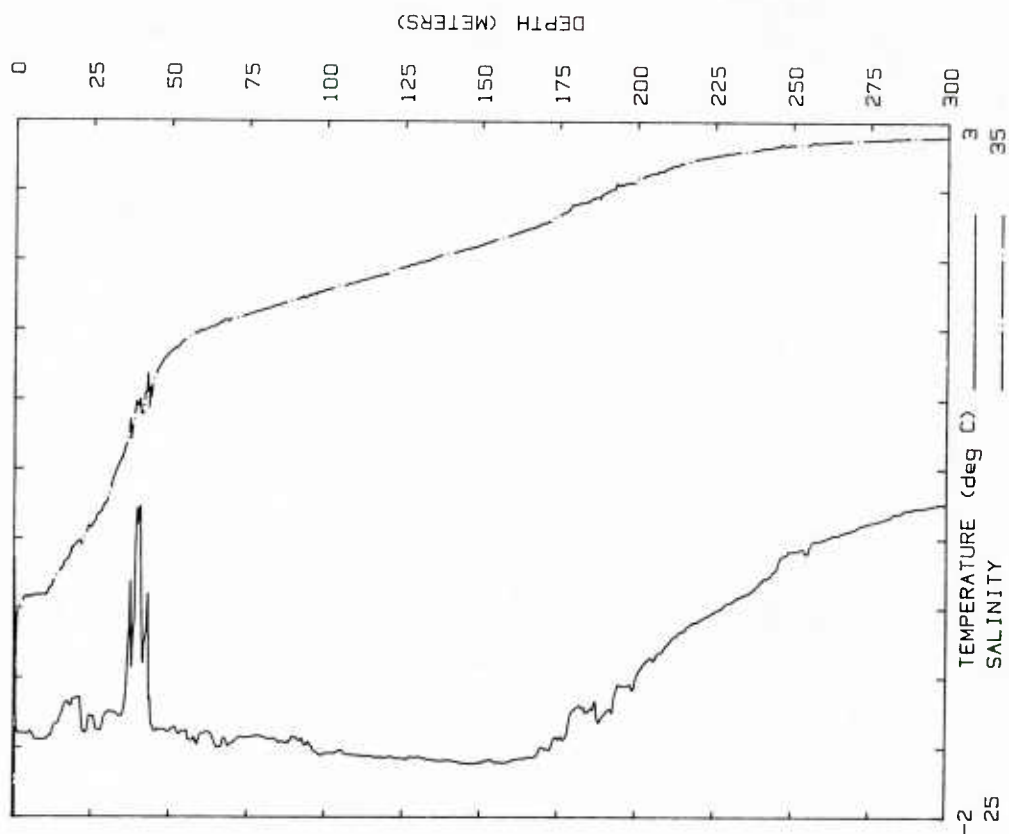
CAST # 93 DOWN  
 LAT 71.30.3 N  
 LON 148.43.7 W  
 DATE 09-08-1985  
 TIME 01:48:50  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



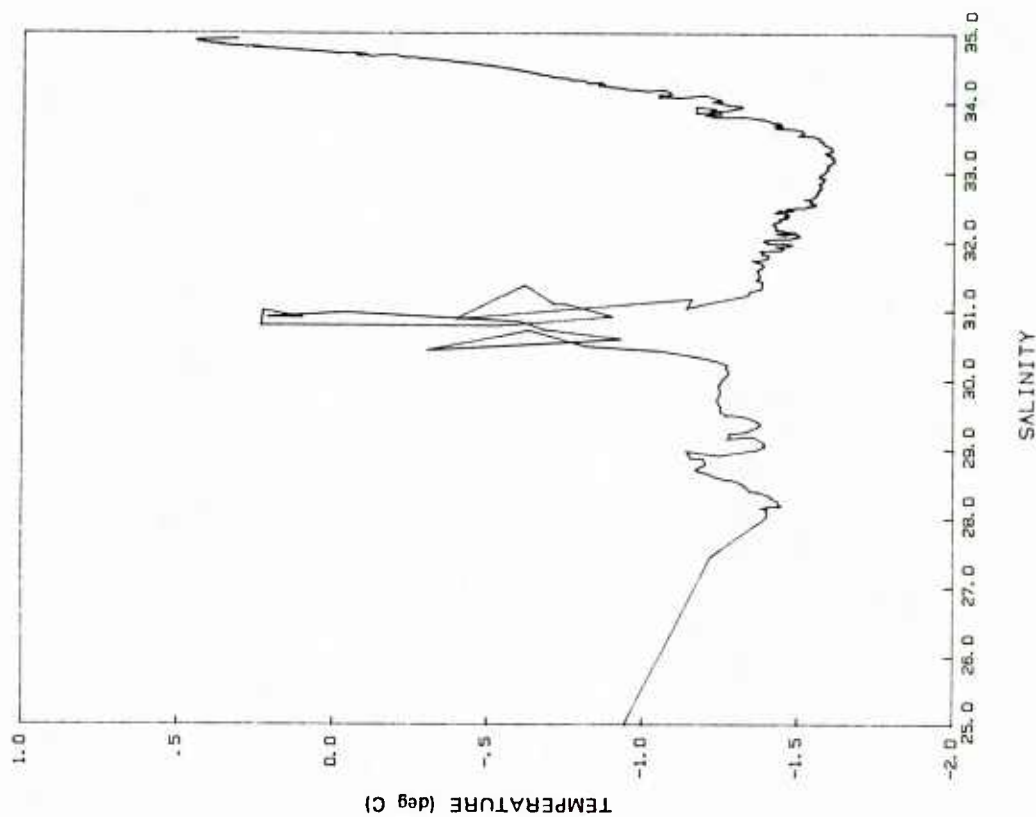
CAST # 93 DOWN  
 LAT 71 30.3 N  
 LON 148 43.7 W  
 DATE 09-08-1985  
 TIME 01:48:50  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



CAST# 93 DOWN  
 DATE: 85/09/08  
 TIME: 01:48:50  
 LAT: 71 30.3 N  
 LON: 148 43.7 W

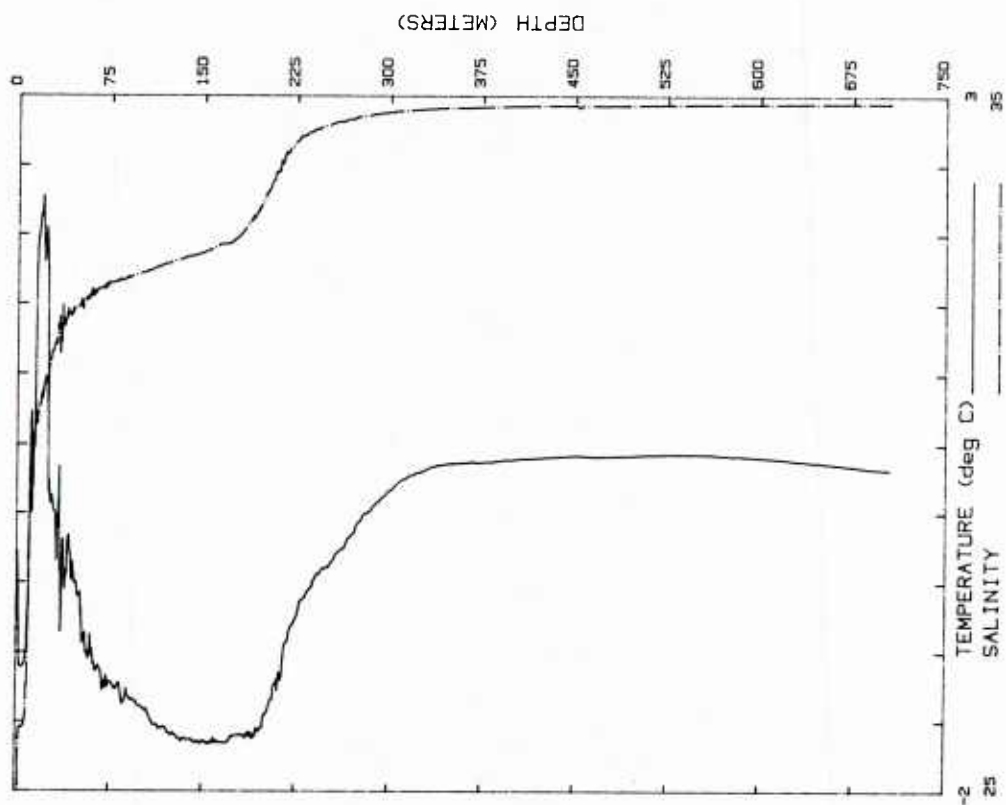
# MIZPAC 85 TS CURVE





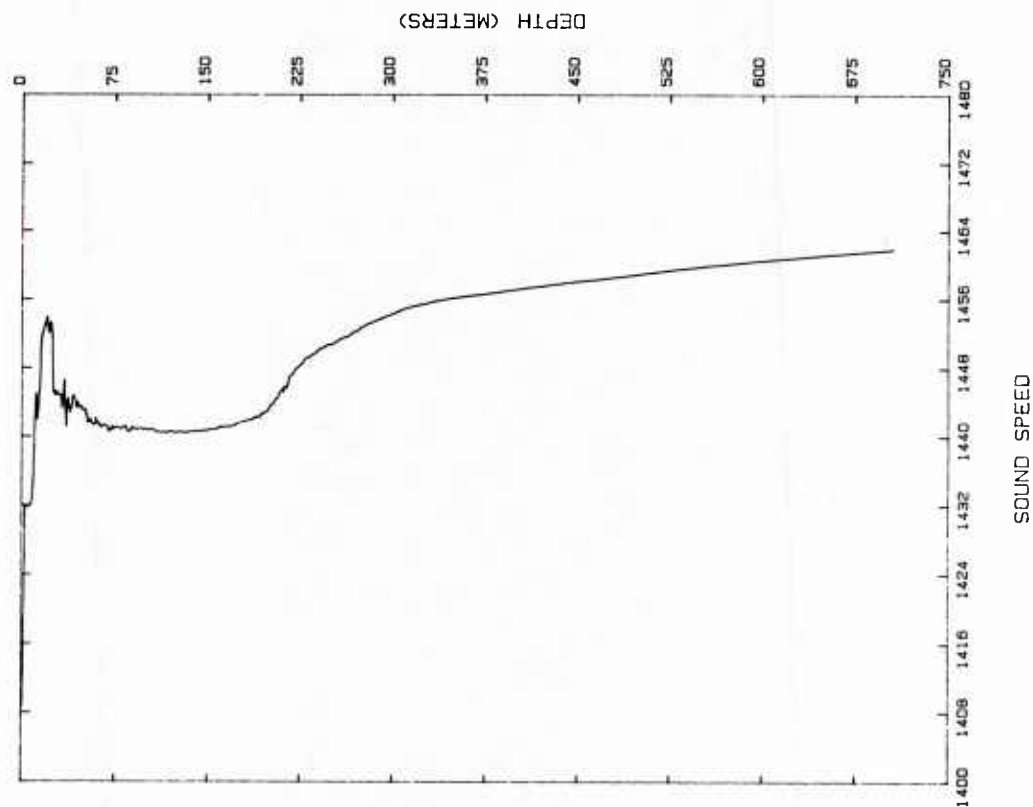
CAST# 94 DOWN  
DATE: 05/09/08  
TIME: 17:28.15  
LAT: 71 31.6 N  
LON: 151 02.5 W

# MIZPAC 85 CTD PROFILE



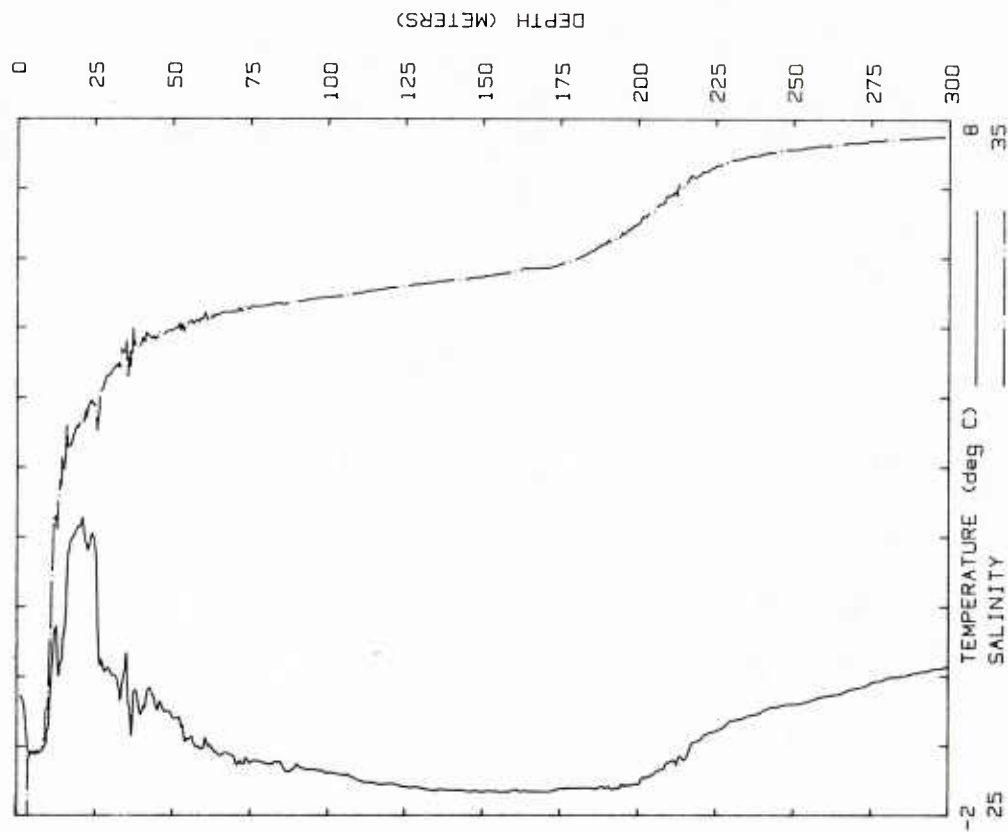
CAST# 94 DOWN  
DATE: 05/09/08  
TIME: 17:28.15  
LAT: 71 31.6 N  
LON: 151 02.5 W

# MIZPAC 85 CALCULATED SOUND SPEED



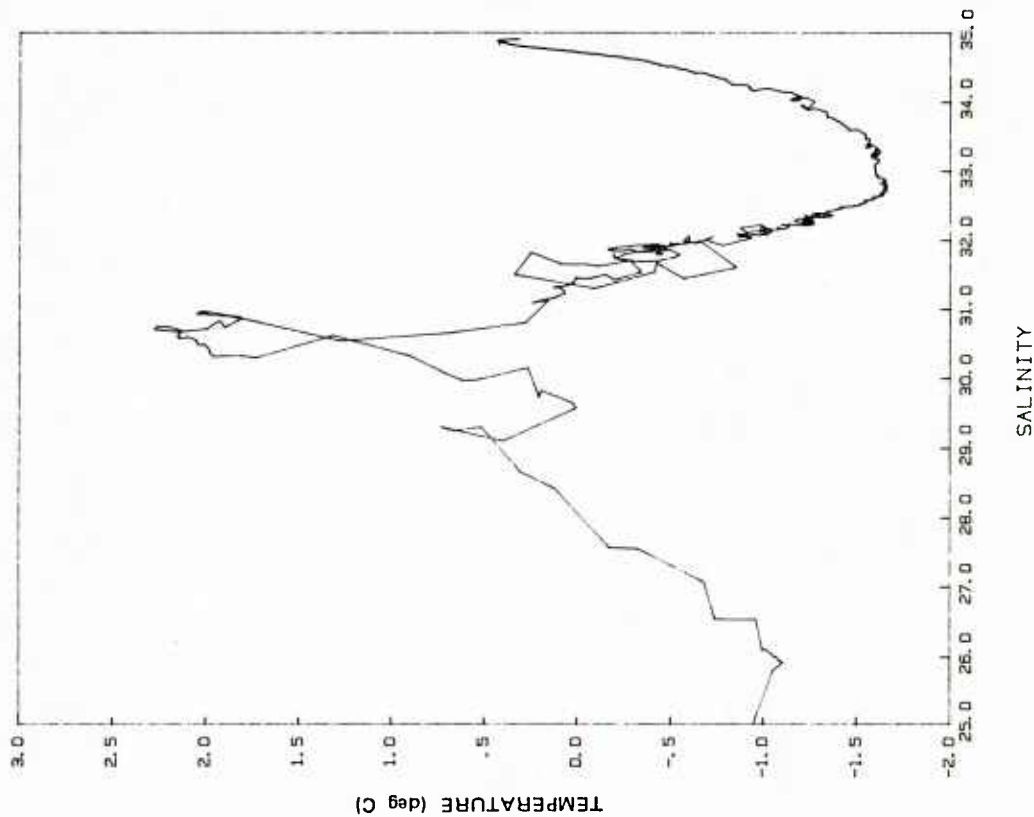
CAST # 94 DOWN  
 LAT 71 31.6 N  
 LON 151 02.5 W  
 DATE 09-08-1985  
 TIME 17:28:15  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



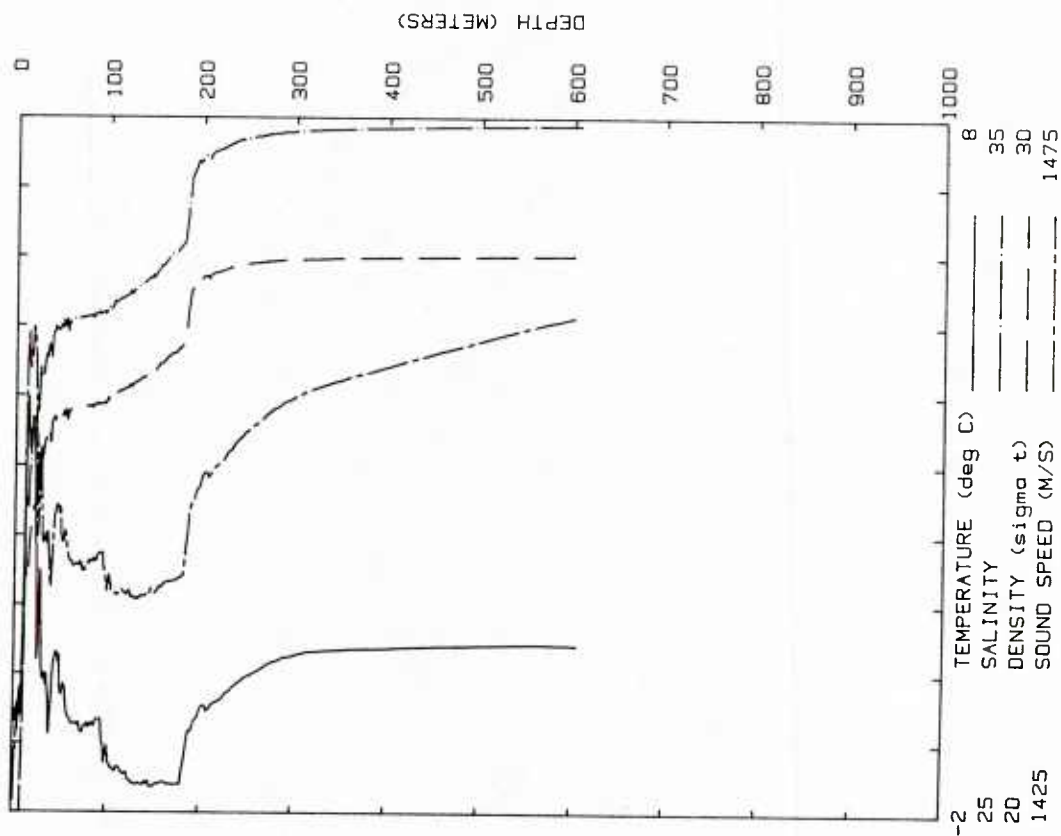
CAST# 94 DOWN  
 DATE: 85/09/08  
 TIME: 17:28:15  
 LAT: 71 31.6 N  
 LON: 151 02.5 W

# MIZPAC 85 TS CURVE



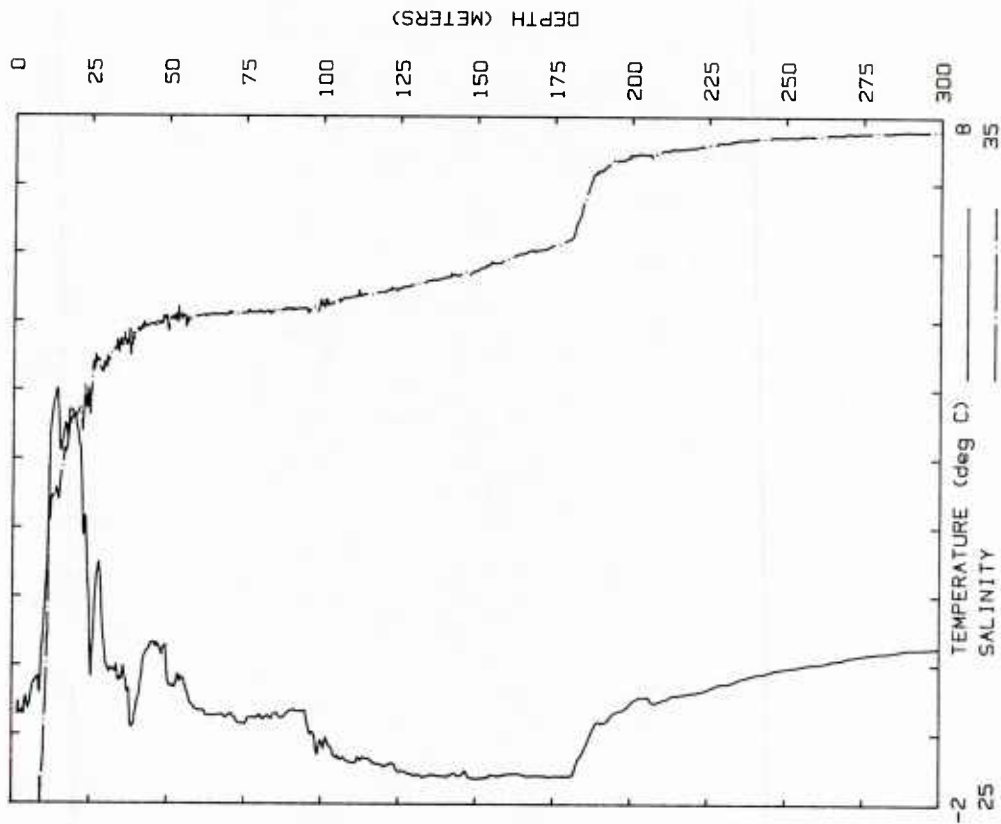
CAST # 95 DOWN  
LAT 71 31.2  
LON 151 35.3 W  
DATE 09-08-1985  
TIME 20:35:34  
SENSOR NEIL BROWN  
MODEL MK. III  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



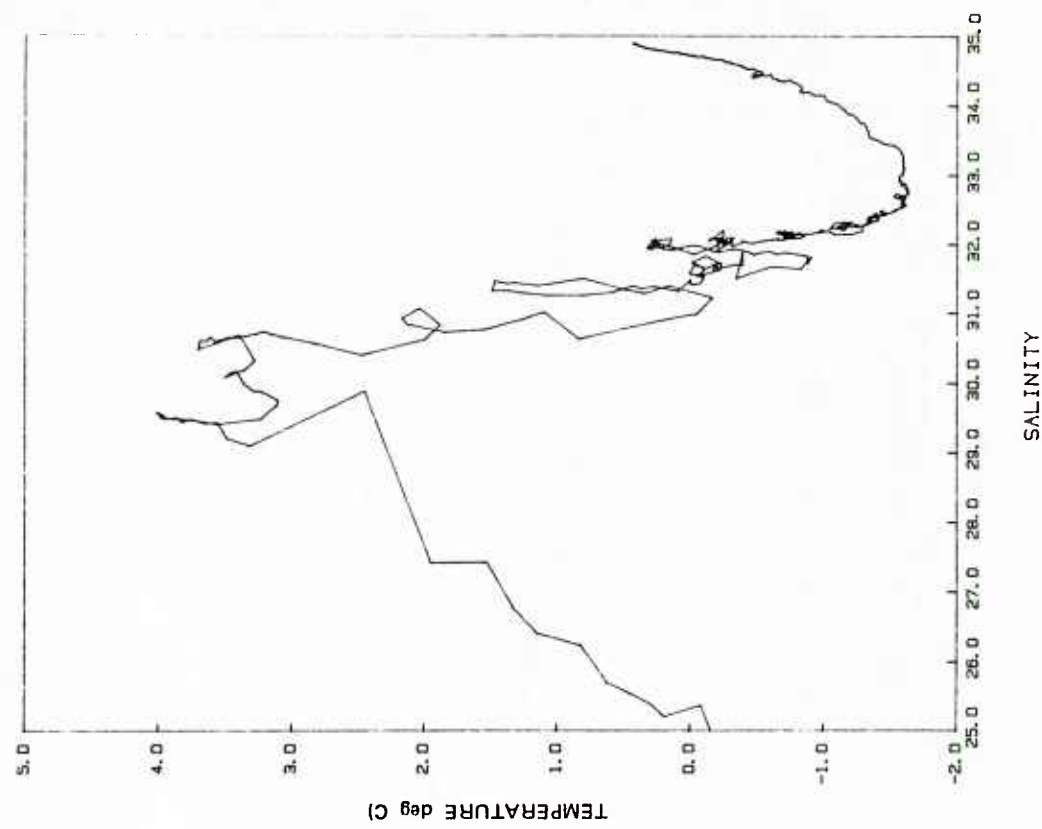
CAST # 95 DOWN  
LAT 71 31.2  
LON 151 35.3 W  
DATE 09-08-1985  
TIME 20:35:34  
SENSOR NEIL BROWN  
MODEL MK. III  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



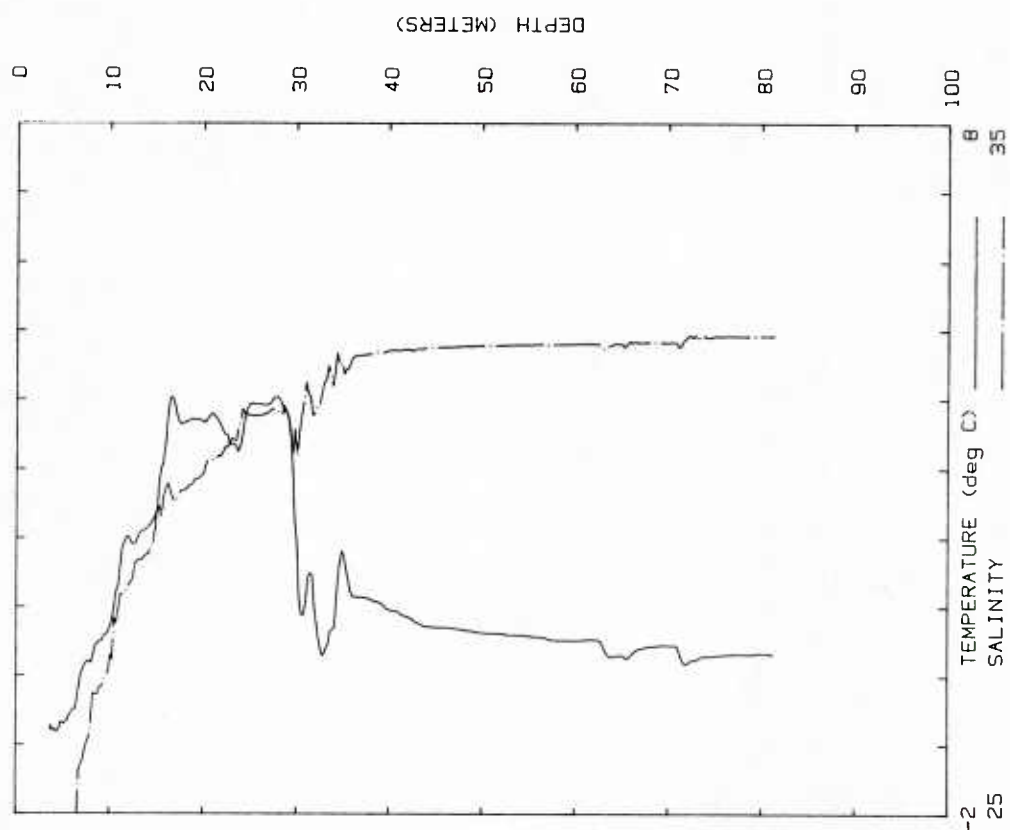
CAST # 95 DOWN  
DATE: 85/09/08  
TIME: 20:35:34  
LAT: 71 31.2  
LON: 151 35.3 W

MIZPAC 85  
TS CURVE



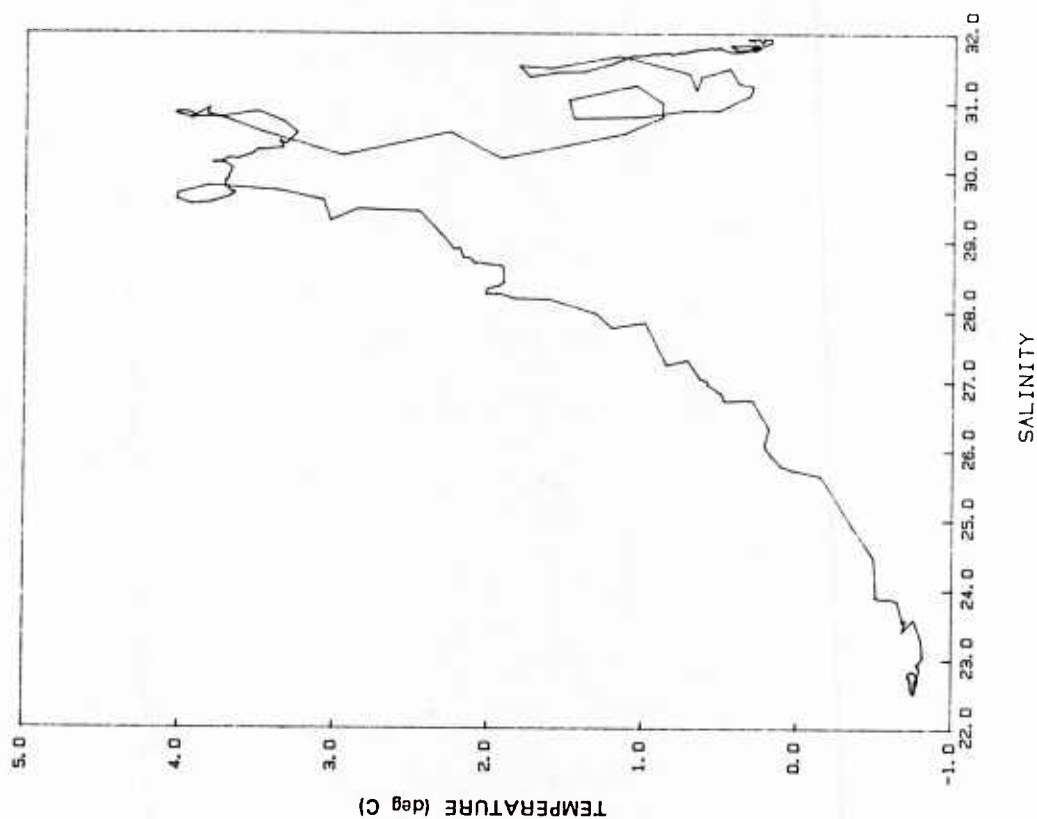
CAST # 96 DOWN  
LAT 71 22.2 N  
LON 151 32.5 W  
DATE 09-09-1985  
TIME 00:18:09  
SENSOR NEIL BROWN  
MODEL MK 111  
NUMBER 01-2904-1

MIZPAC 85  
CTD PROFILE



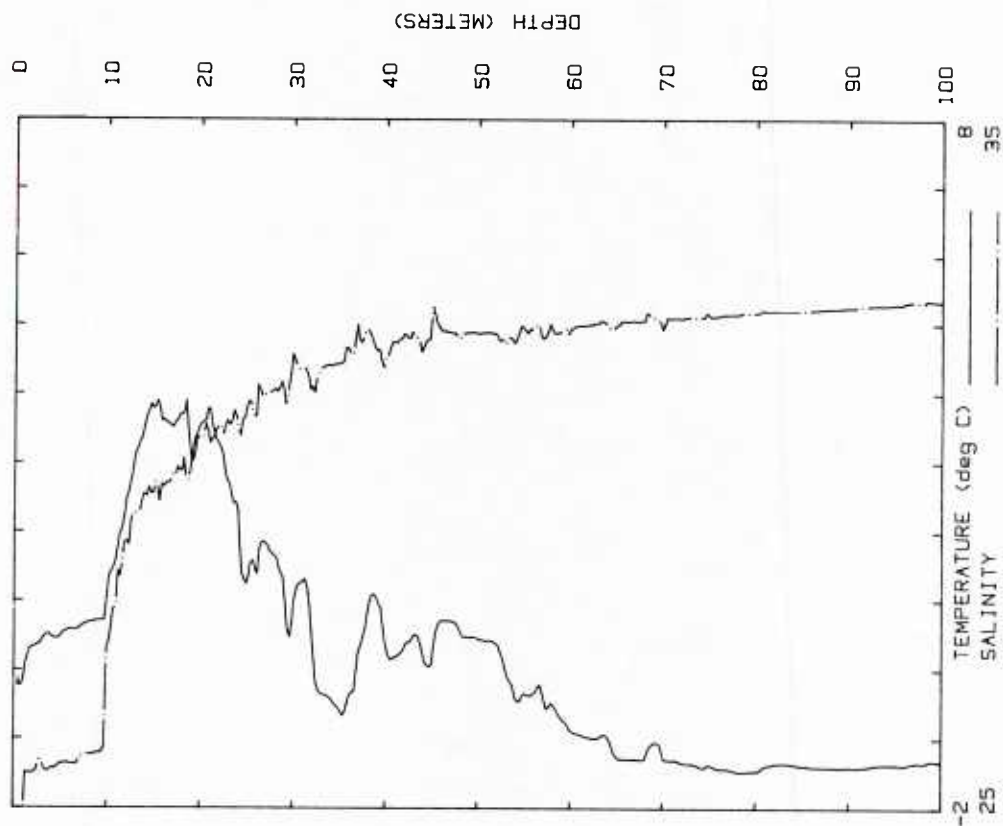
CAST# 96 DOWN  
 DATE: 85/09/09  
 TIME: 00:18:09  
 LAT: 71 22.2 N  
 LON: 151 32.5 W

# MIZPAC 85 TS CURVE



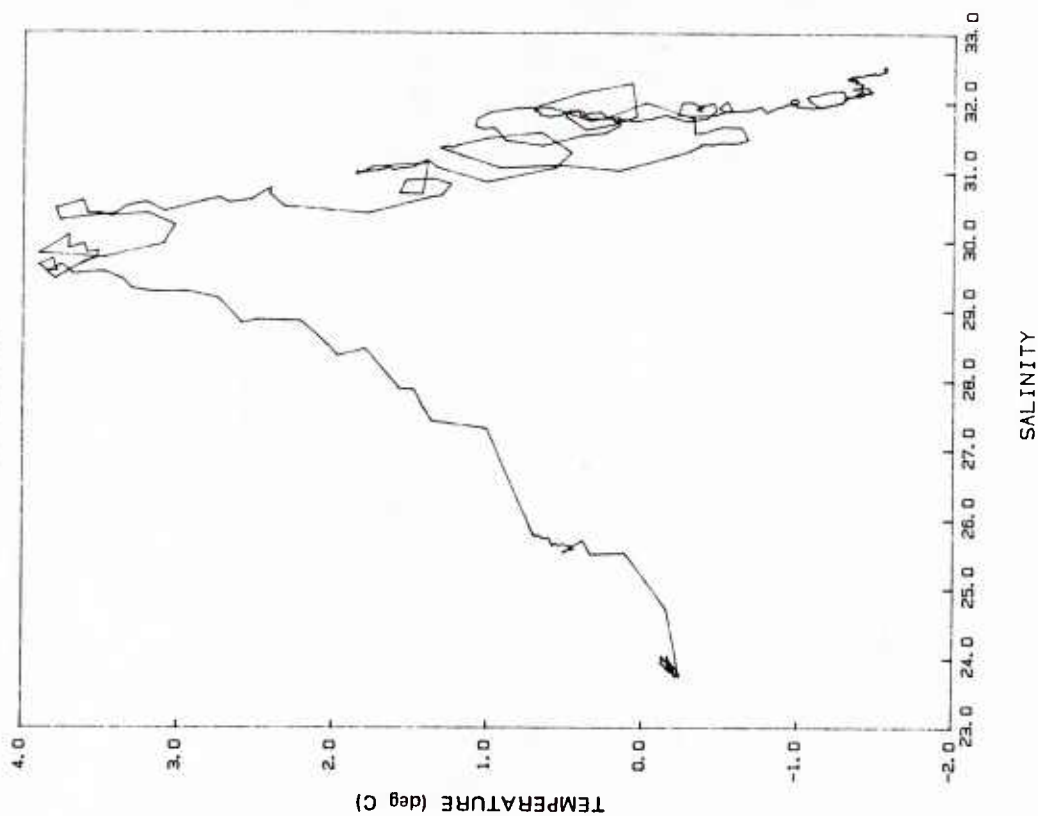
CAST# 97 DOWN  
 LAT: 71 31.7 N  
 LON: 152 25.2 W  
 DATE: 09-09-1985  
 TIME: 02:52:26  
 SENSOR: NITL BROWN  
 MODEL: MK. III  
 NUMBER: 01-2904-1

# MIZPAC 85 CTD PROFILE



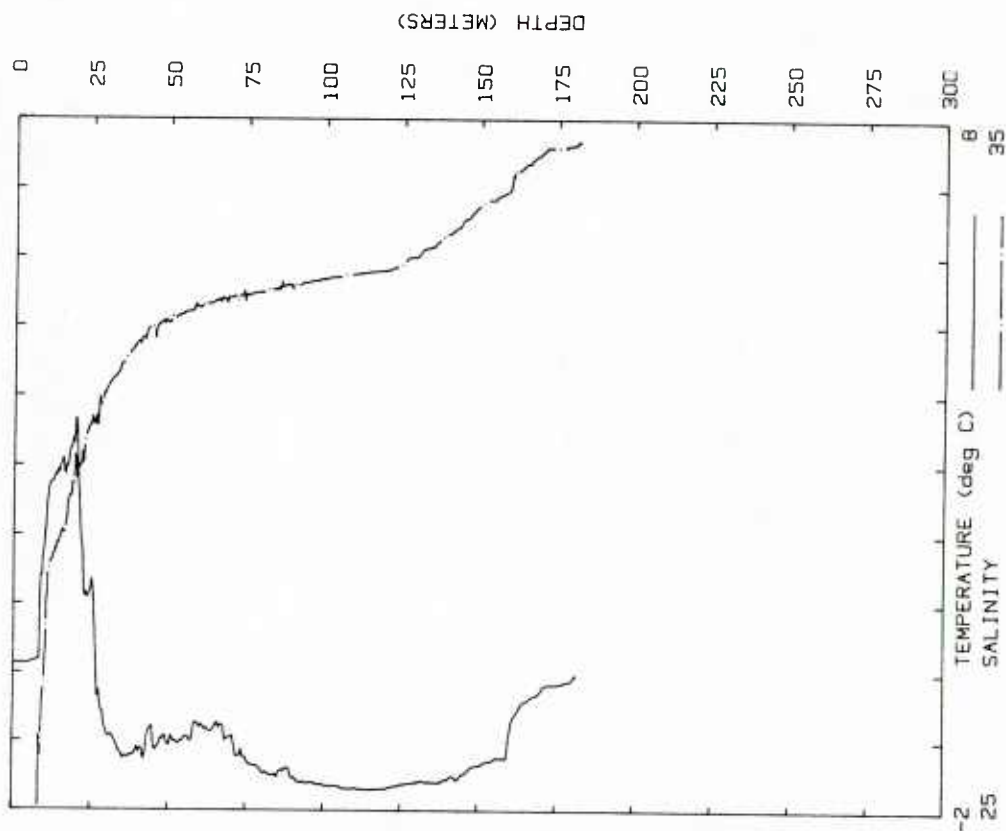
CAST # 97 DOWN  
 DATE: 85/09/09  
 TIME: 02:52:26  
 LAT: 71 31.7 N  
 LON: 152 25.2 W

# MIZPAC 85 TS CURVE



CAST # 98 DOWN  
 LAT 71 44.1 N  
 LON 152 57.0 W  
 DATE 09-09-1985  
 TIME 05:40:14  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

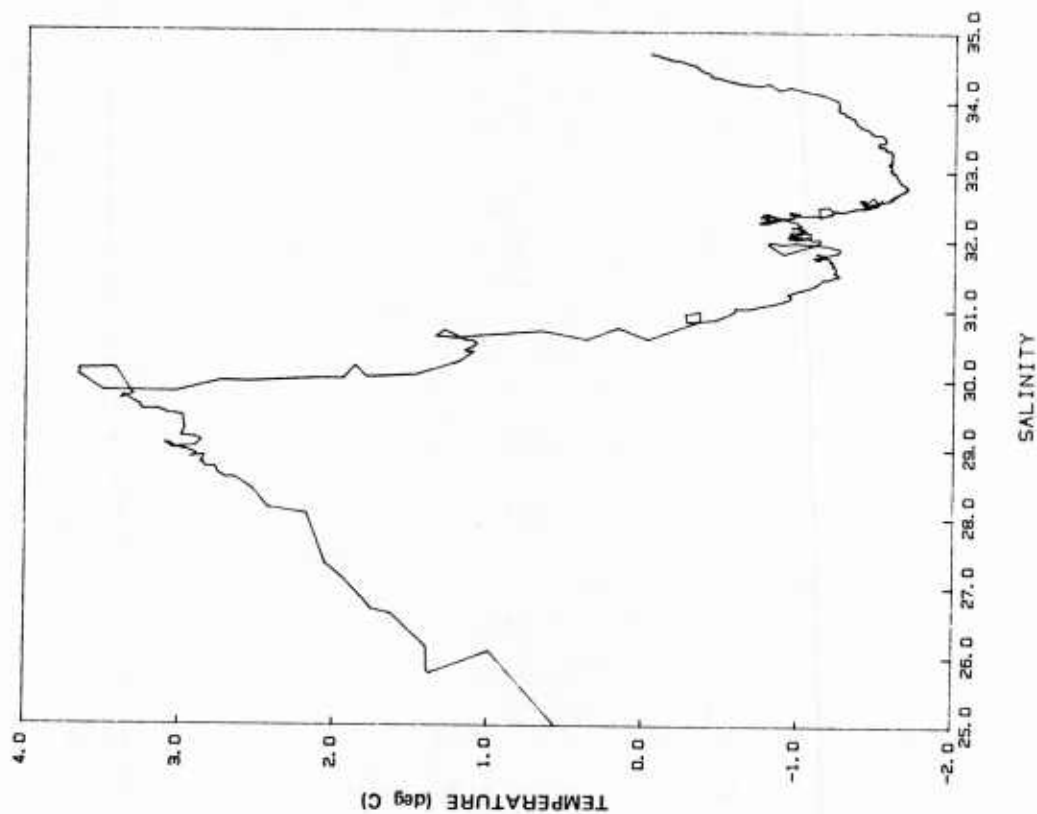
# MIZPAC 85 CTD PROFILE





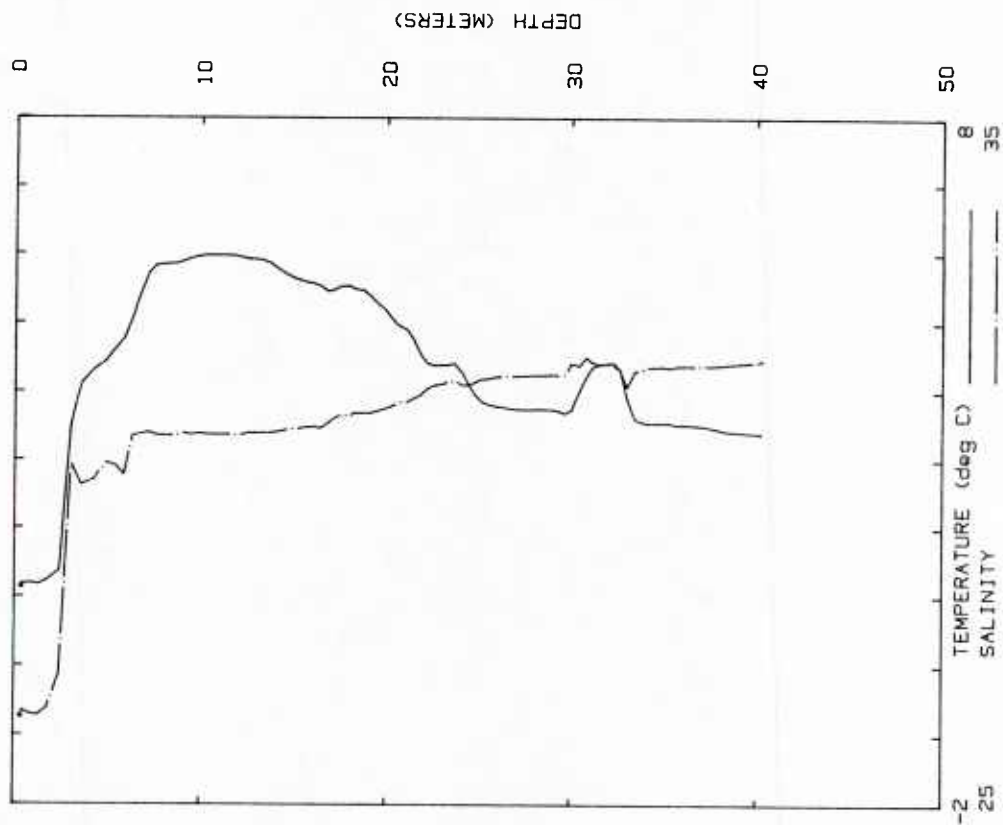
CAST# 98 DOWN  
 DATE: 85/09/09  
 TIME: 05:40.14  
 LAT: 71 44.1 N  
 LON: 152 57.0 W

# MIZPAC 85 TS CURVE



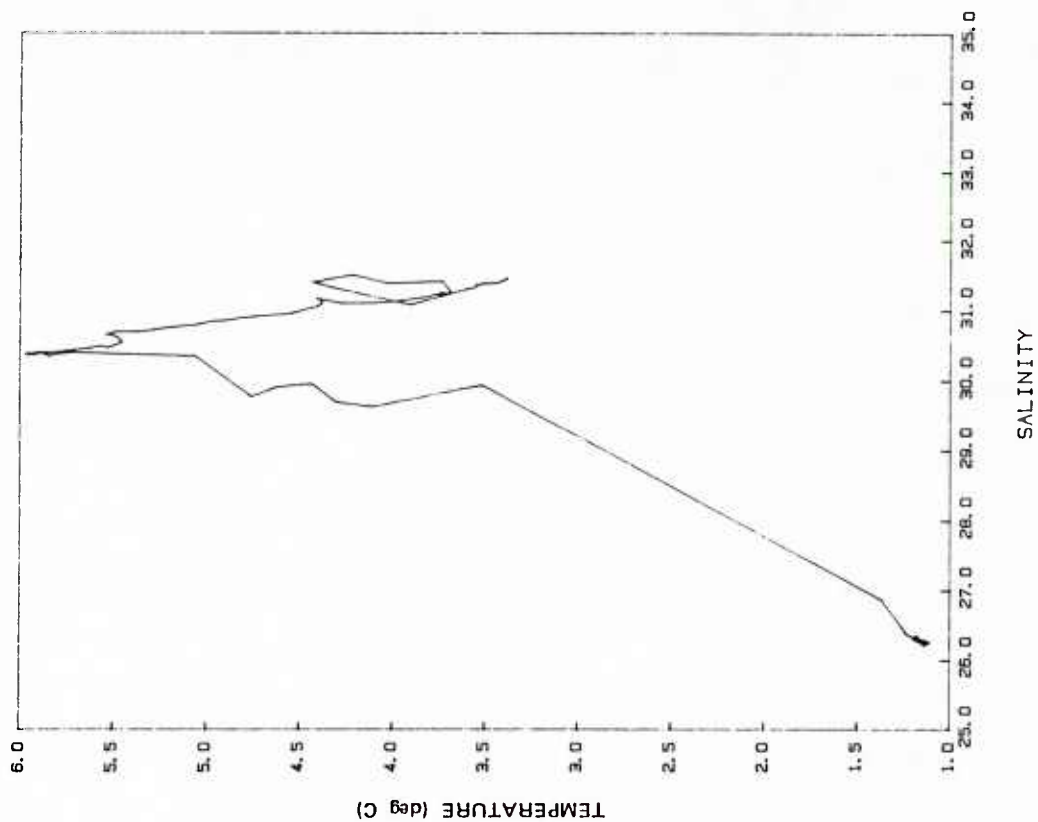
CAST # 99 DOWN  
 LAT 71 43.7 N  
 LON 154 17.3 W  
 DATE 09-09-1985  
 TIME 09:52.18  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



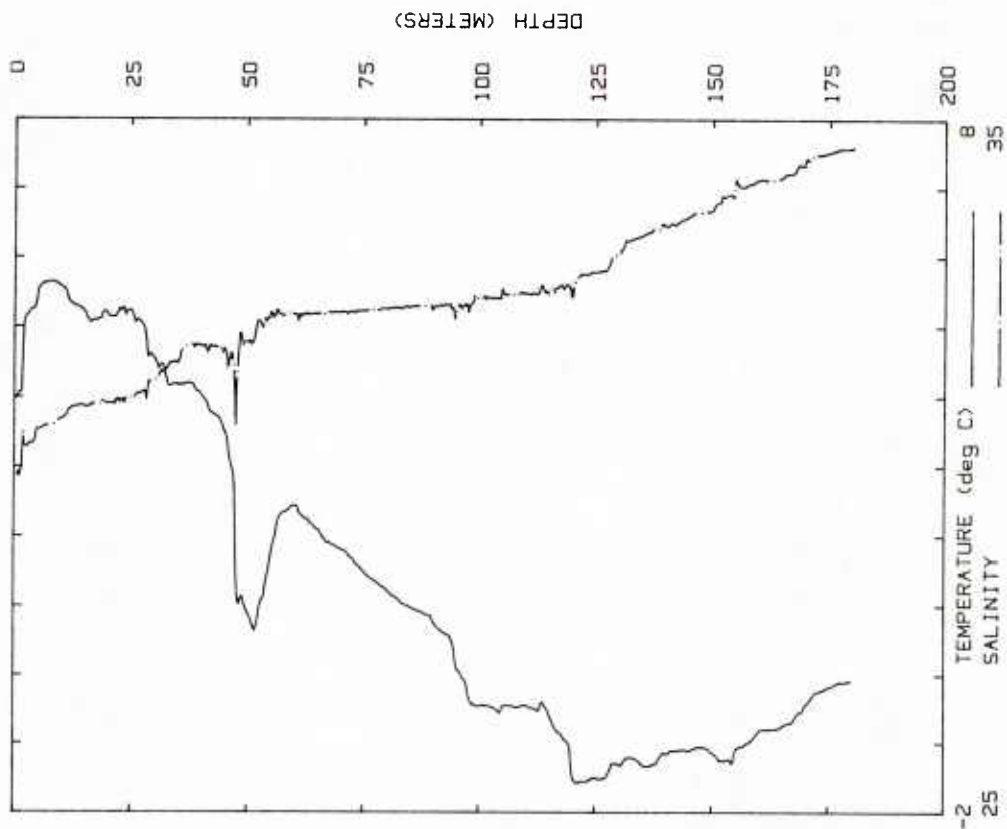
CASE # 99 DOWN  
 DATE, 05/09/09  
 TIME, 09:52.18  
 LAT, 71 43.7 N  
 LONG, 154 17.3 W

# MIZPAC 85 TS CURVE



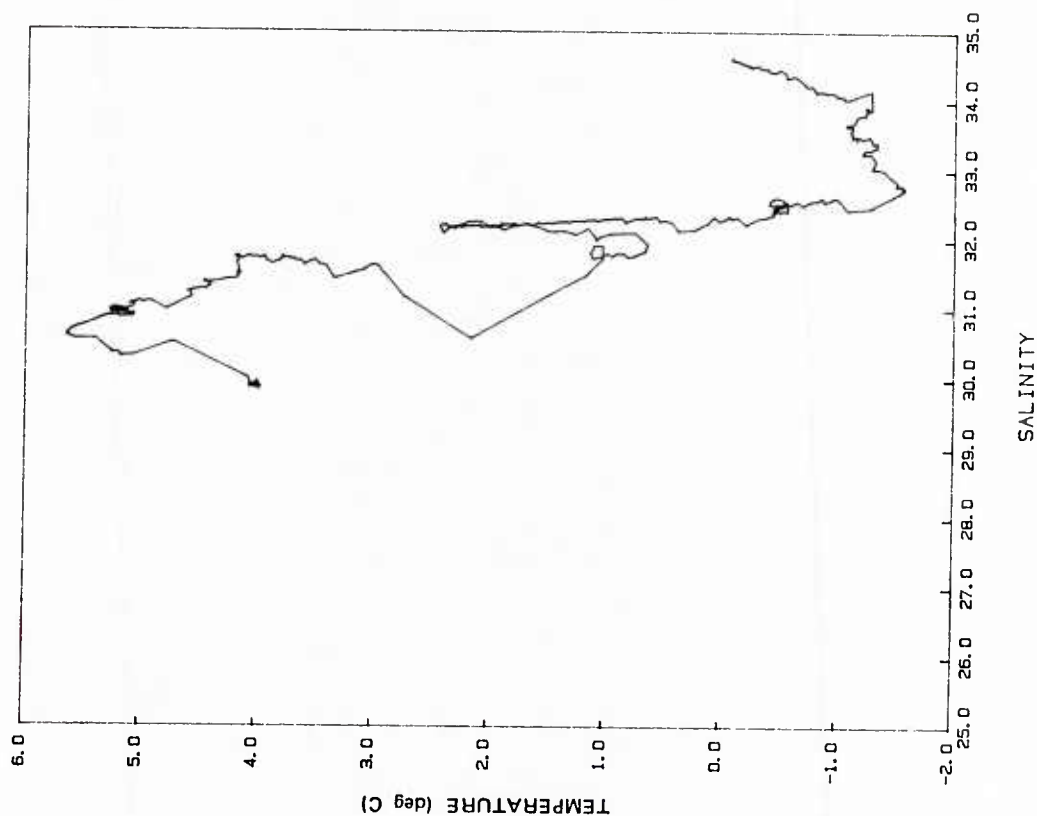
CASE # 100 DOWN  
 LAT, 71 38.6 N  
 LONG, 155 35.3 W  
 DATE, 09-09-1985  
 TIME, 12:12:42  
 SENSOR NEIL BROWN  
 MODEL MK, 111  
 NUMBER D1-2904-1

# MIZPAC 85 CTD PROFILE



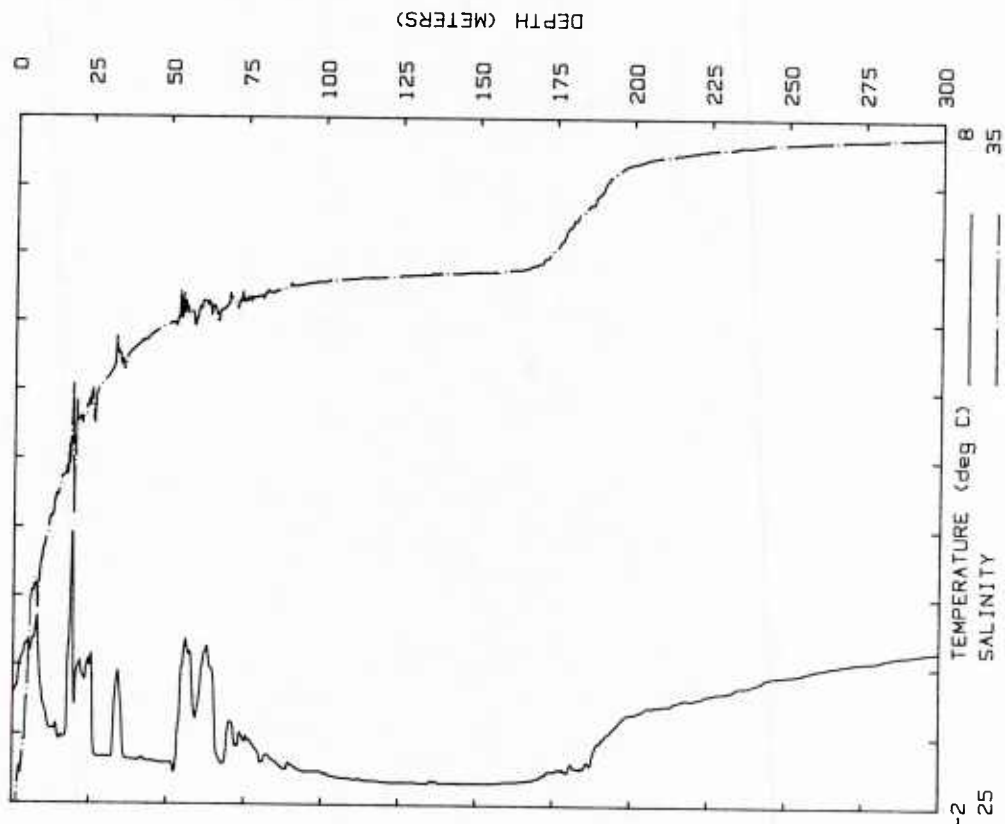
CAST# 100 DOWN  
 DATE: 05/09/09  
 TIME: 12:12:42  
 LAT: 71 38.6 N  
 LON: 155 35.3 W

# MIZPAC 85 TS CURVE



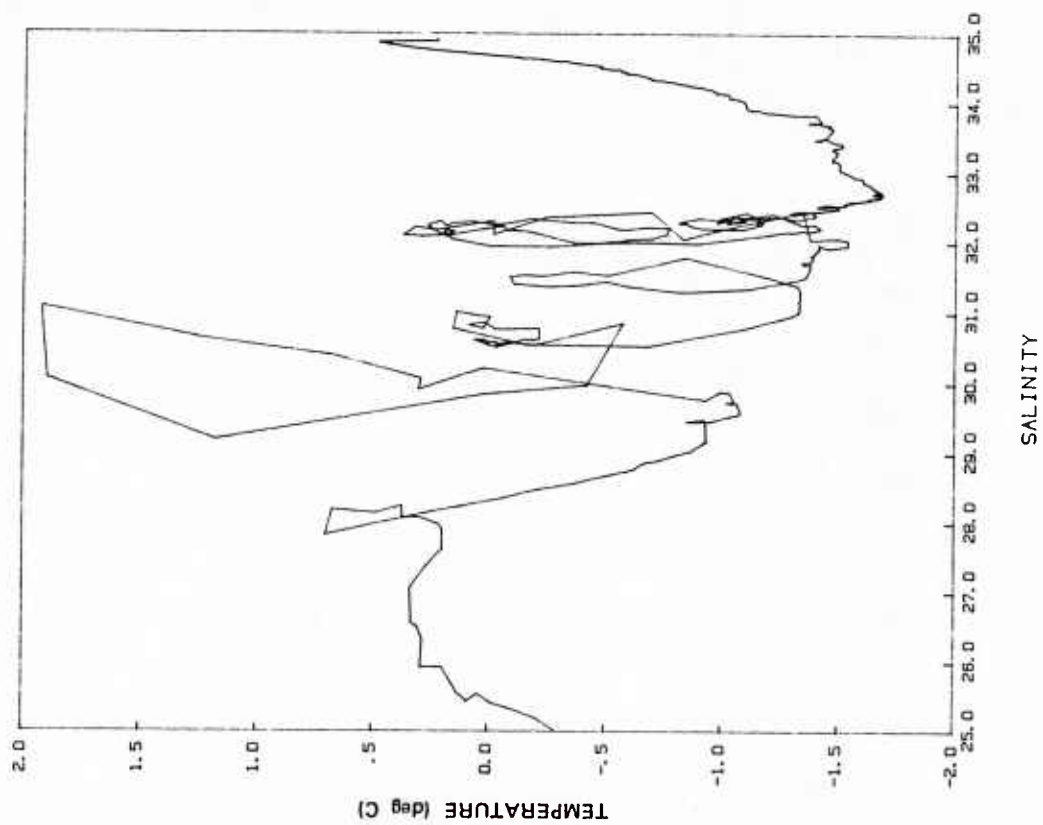
CAST # 101 DOWN  
 LAT 72 19.4 N  
 LON 155 06.6 W  
 DATE 09-10-1985  
 TIME 06:32:36  
 SENSOR NEIL BROWN  
 MODEL MK III  
 NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



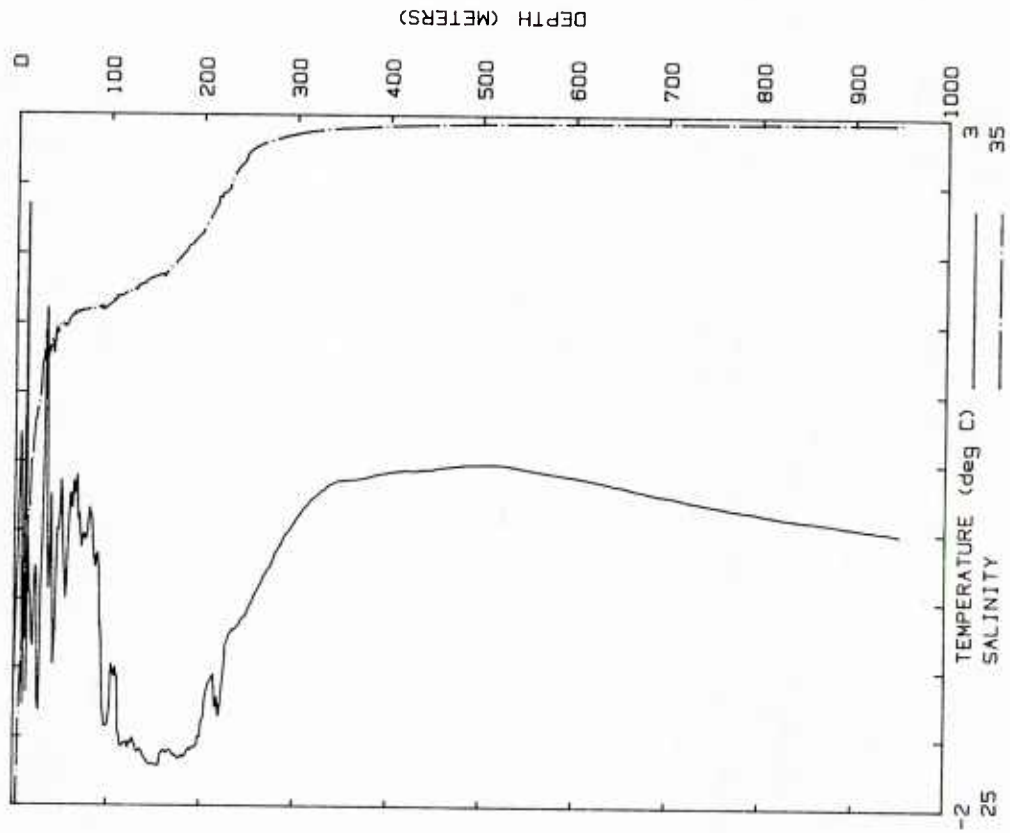
CAST# 101 DOWN  
 DATE: 85/09/10  
 TIME: 06:32.36  
 LAT: 72.19.4 N  
 LON: 155 06.6 W

# MIZPAC 85 TS CURVE



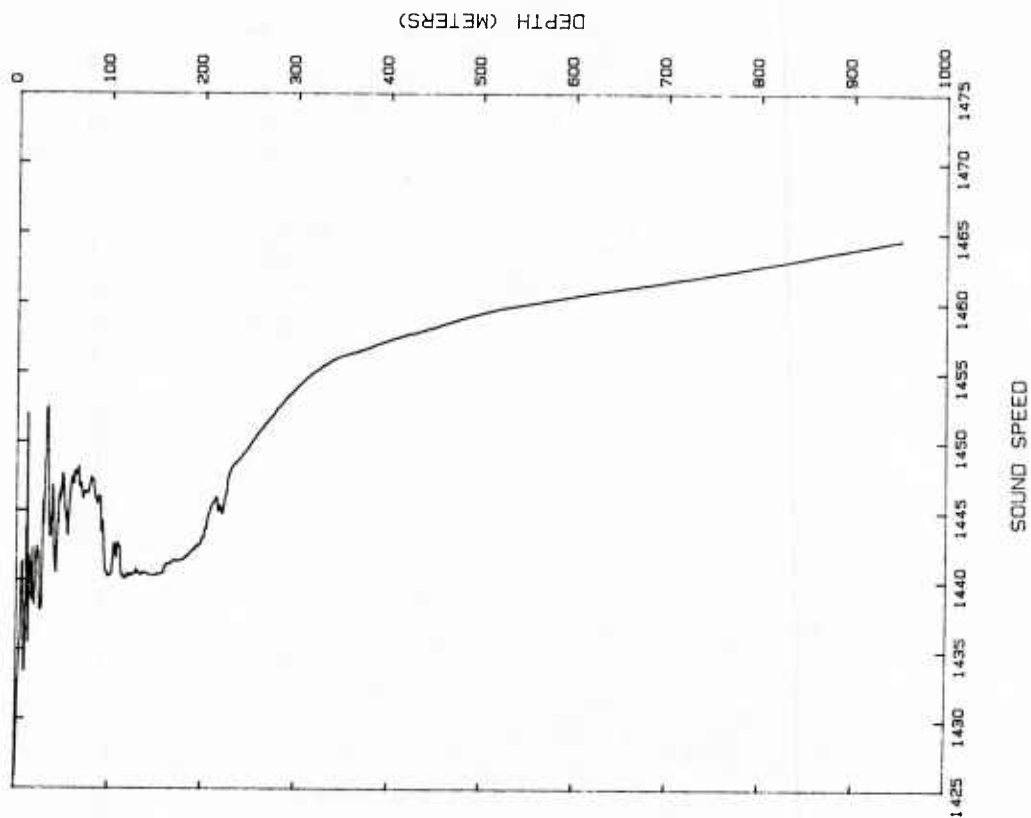
CAST # 102 DOWN  
 LAT 72 39.8 N  
 LON 154 58.0 W  
 DATE 09-10-1985  
 TIME 11:22:11  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



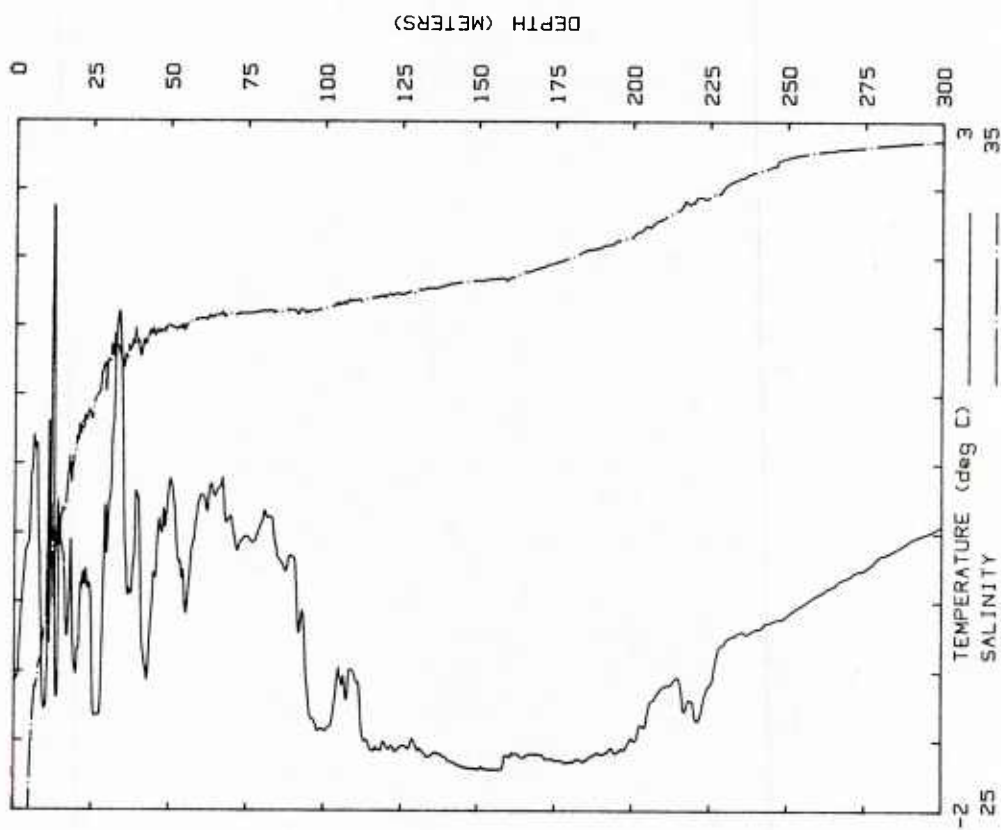
CAST# 102 DOWN  
 DATE: 85/09/10  
 TIME: 11:22:11  
 LAT: 72 38.8 N  
 LON: 154 58.0 W

# MIZPAC 85 CALCULATED SOUND SPEED



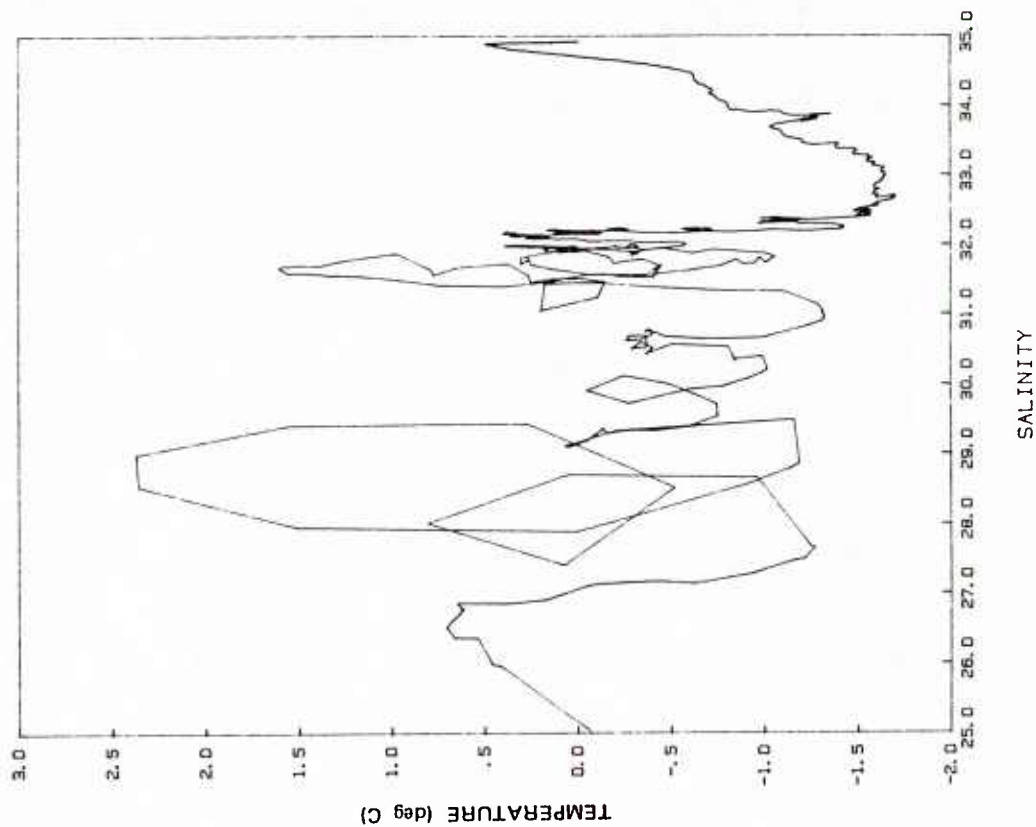
CAST # 102 DOWN  
 LAT 72 38.8 N  
 LON 154 58.0 W  
 DATE 09-10-1985  
 TIME 11:22:11  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2304-1

# MIZPAC 85 CTD PROFILE



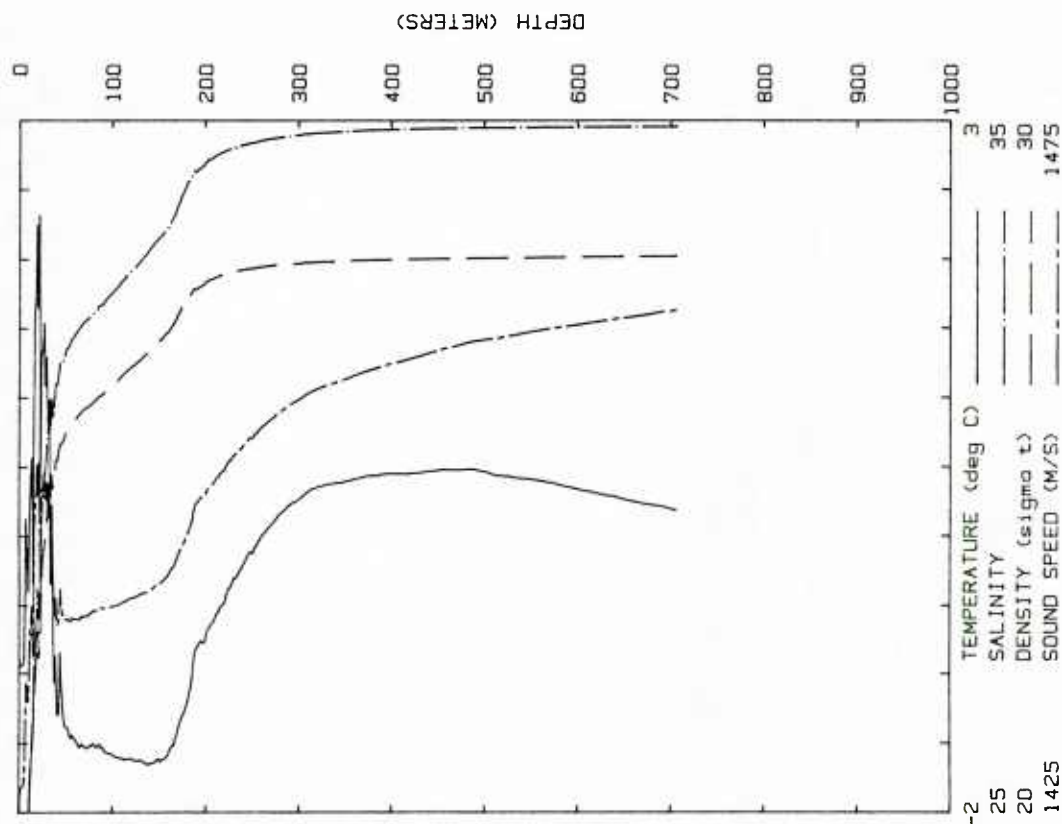
CASE# 102 DOWN  
 DATE: 85/09/10  
 TIME: 11:22:11  
 LAT: 72 39.8 N  
 LON: 154 58.0 W

# MIZPAC 85 TS CURVE



CASE # 103 DOWN  
 LAT: 72 59.9 N  
 LON: 155 01.4 W  
 DATE: 09-10-1985  
 TIME: 16:47:56  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

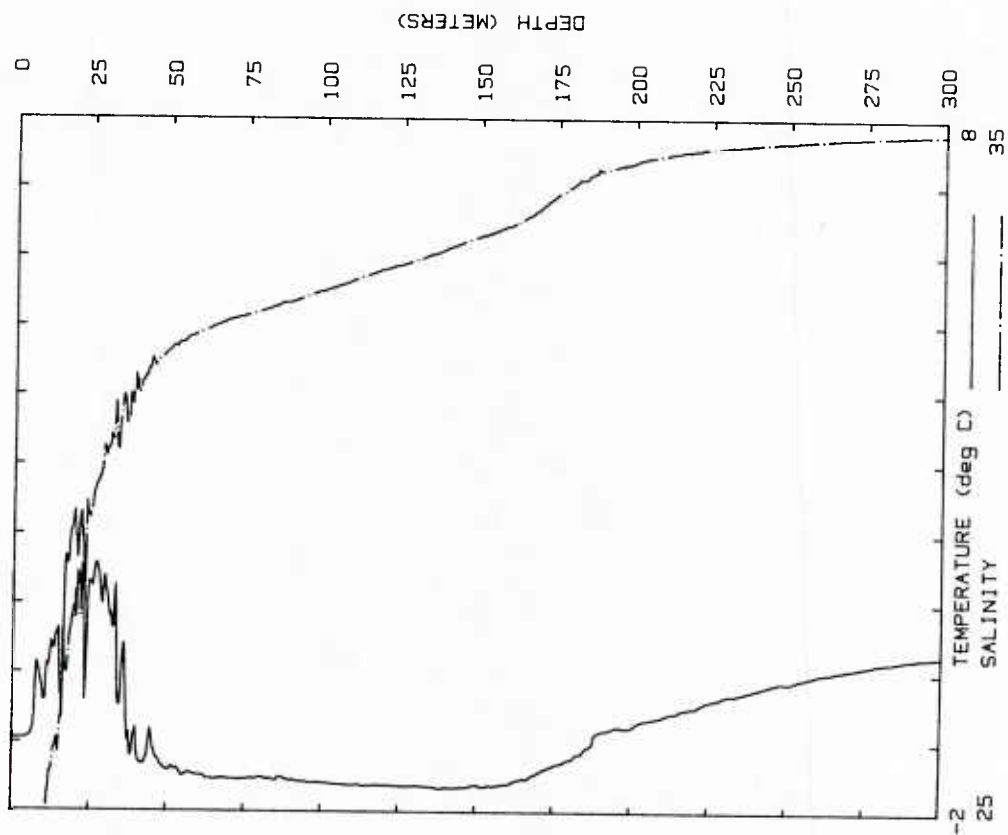
# MIZPAC 85 CTD PROFILE





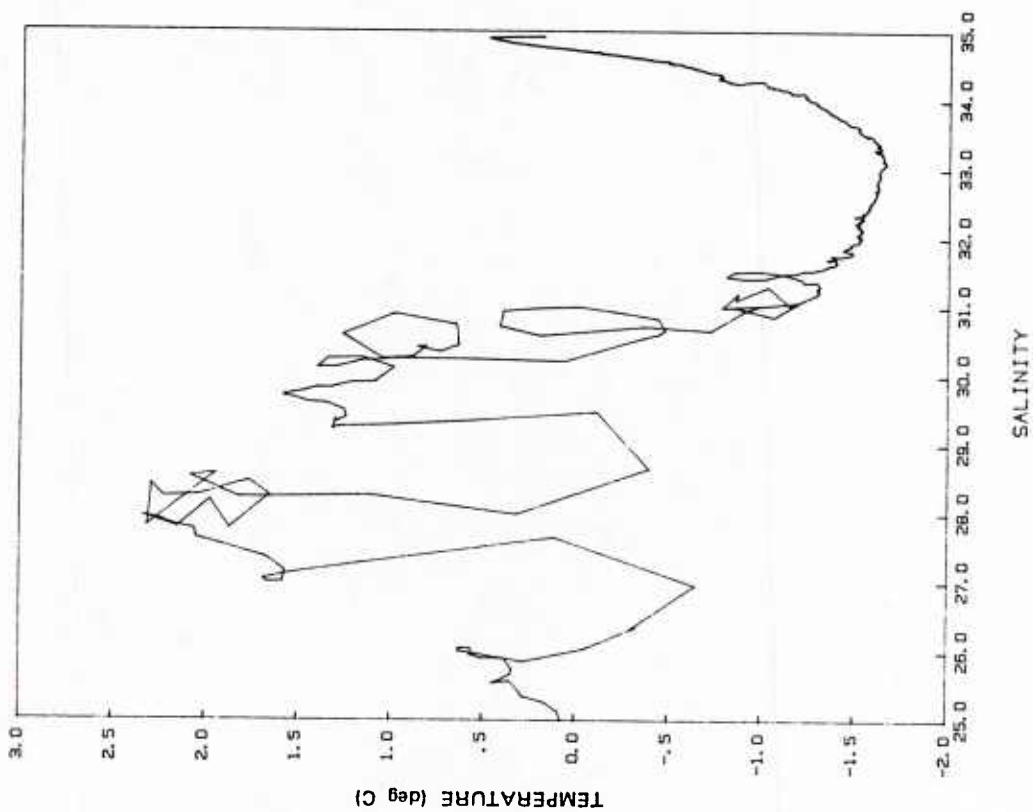
CAST # 103 DOWN  
 LAT 72 58.9 N  
 LON 155 01.4 W  
 DATE 09-10-1985  
 TIME 16.47.56  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2304-1

# MIZPAC 85 CTD PROFILE



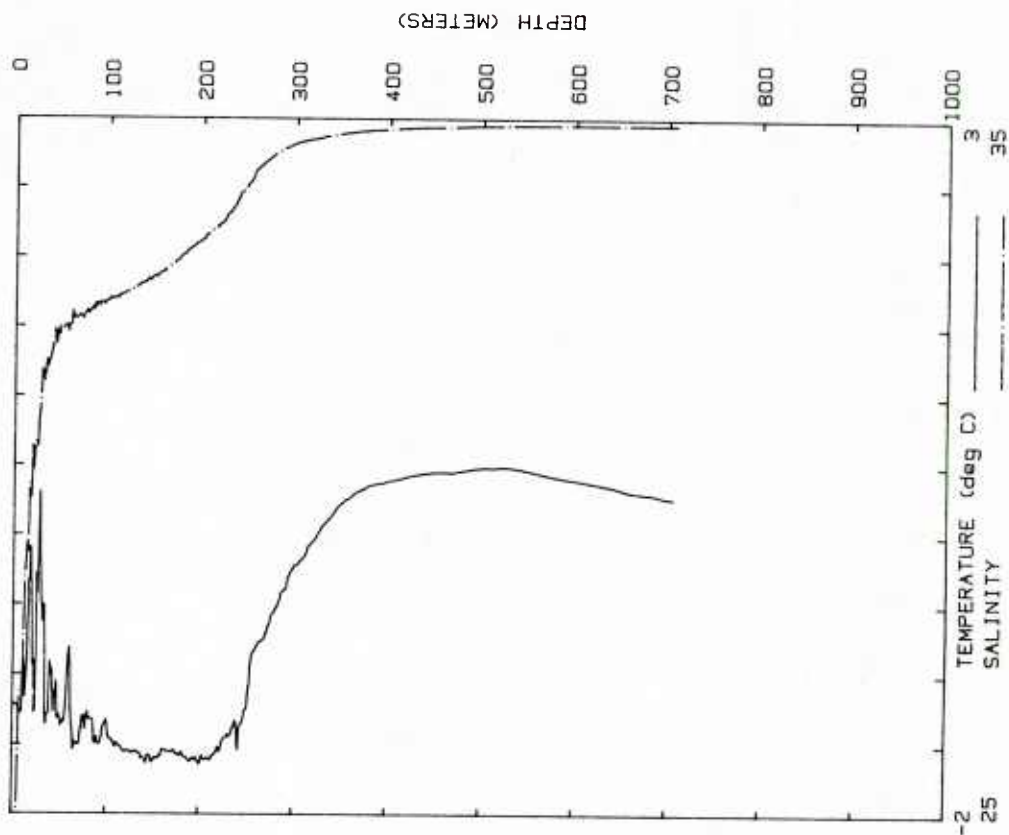
CAST# 103 DOWN  
 DATE, 85/09/10  
 TIME, 16.47.56  
 LAT, 72 58.9 N  
 LON, 155 01.4 W

# MIZPAC 85 TS CURVE



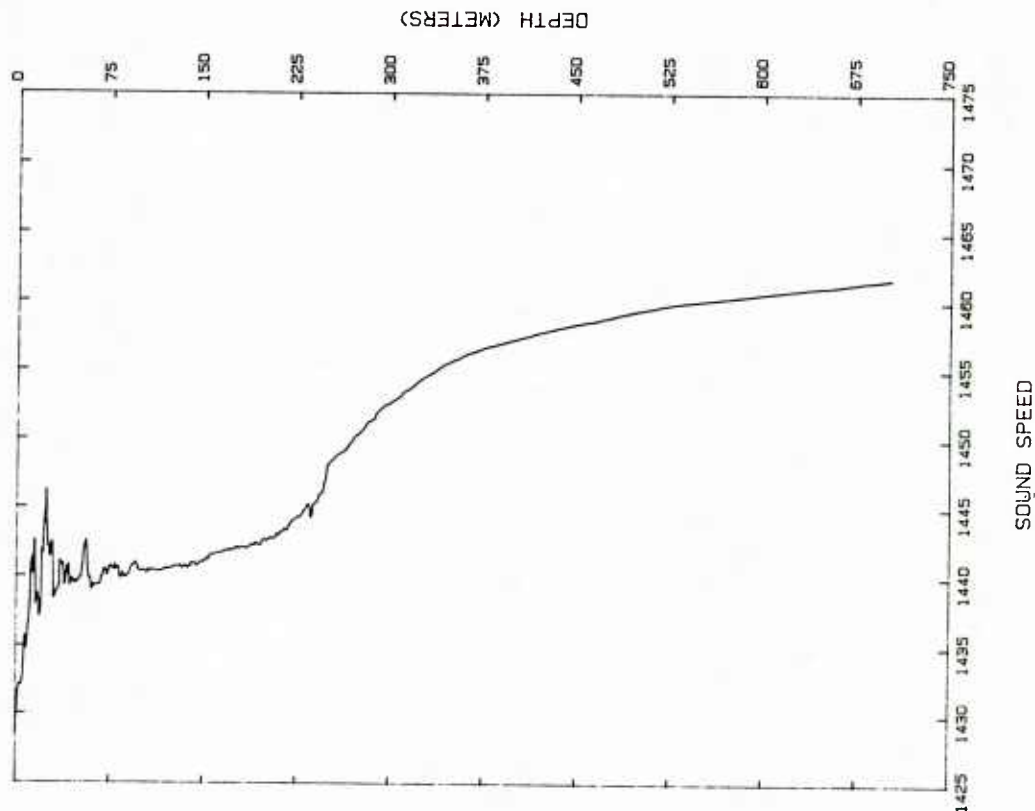
CAST # 104 UP  
 LAT 72 33.8 N  
 LON 154 10.6 W  
 DATE 08-10-1985  
 TIME 23:51:17  
 SENSOR NEIL BROWN  
 MODEL MK. II  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



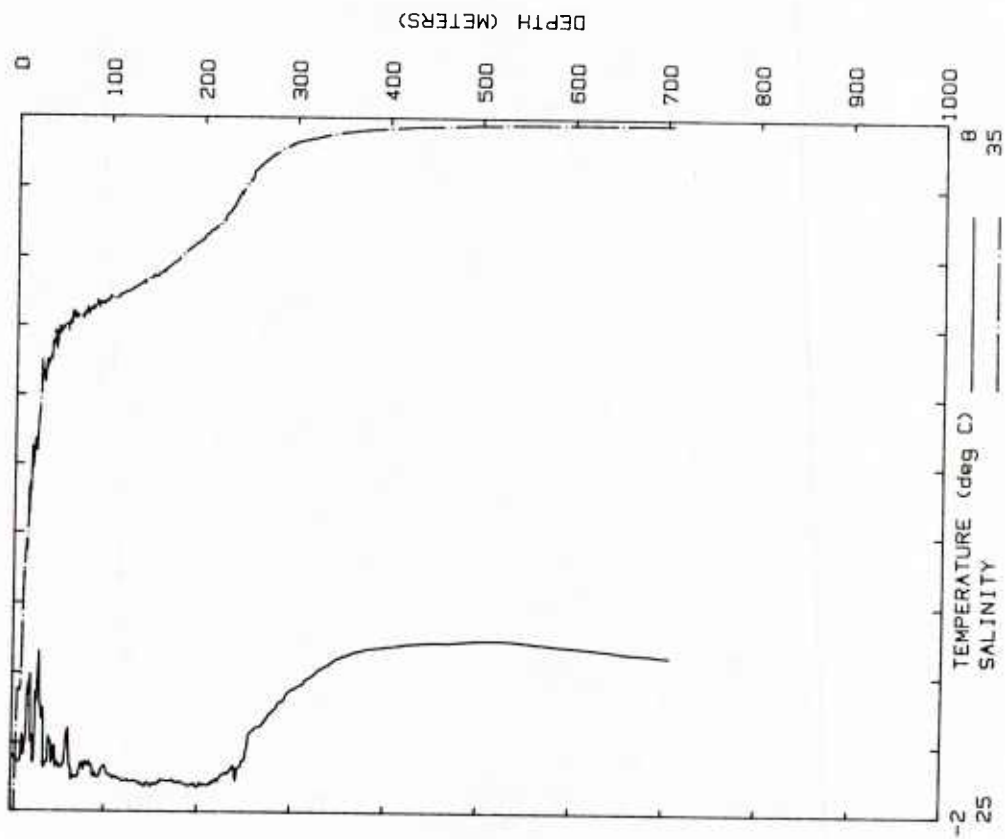
CAST# 104 UP  
 DATE 08/09/10  
 TIME 23:51:17  
 LAT, 72 33.8 N  
 LON, 154 10.6 W

# MIZPAC 85 CALCULATED SOUND SPEED



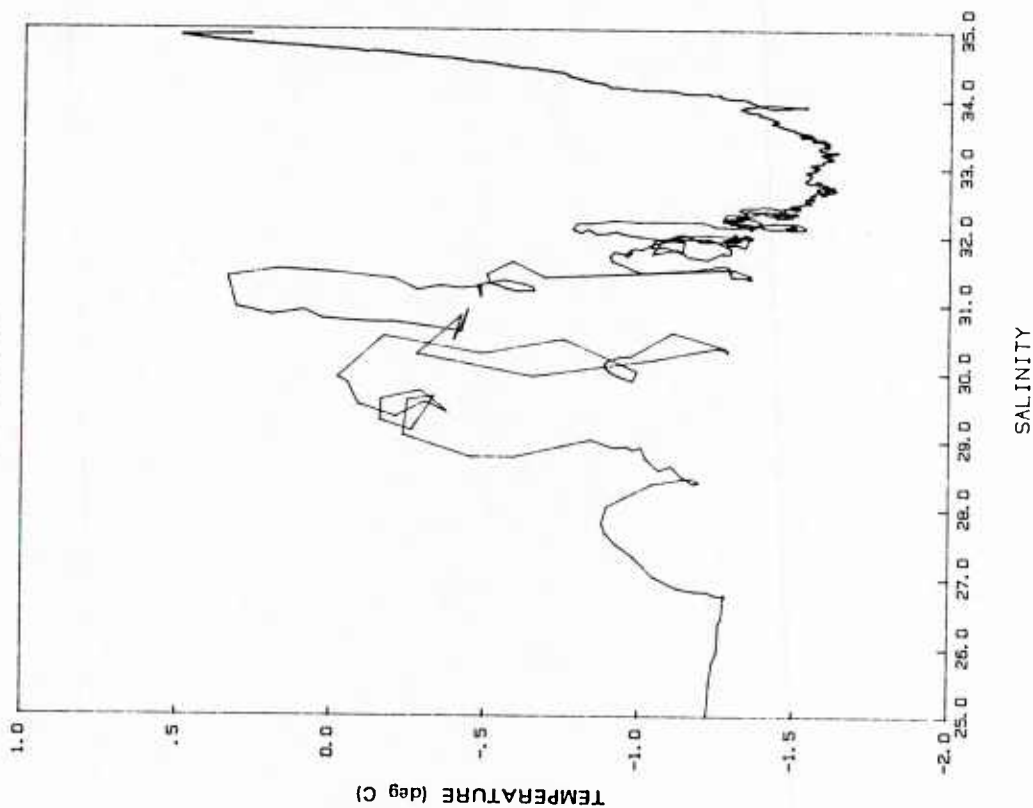
CAST # 104 UP  
 LAT 72 33.8 N  
 LON 154 10.6 W  
 DATE 09-10-1985  
 TIME 23:51:17  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



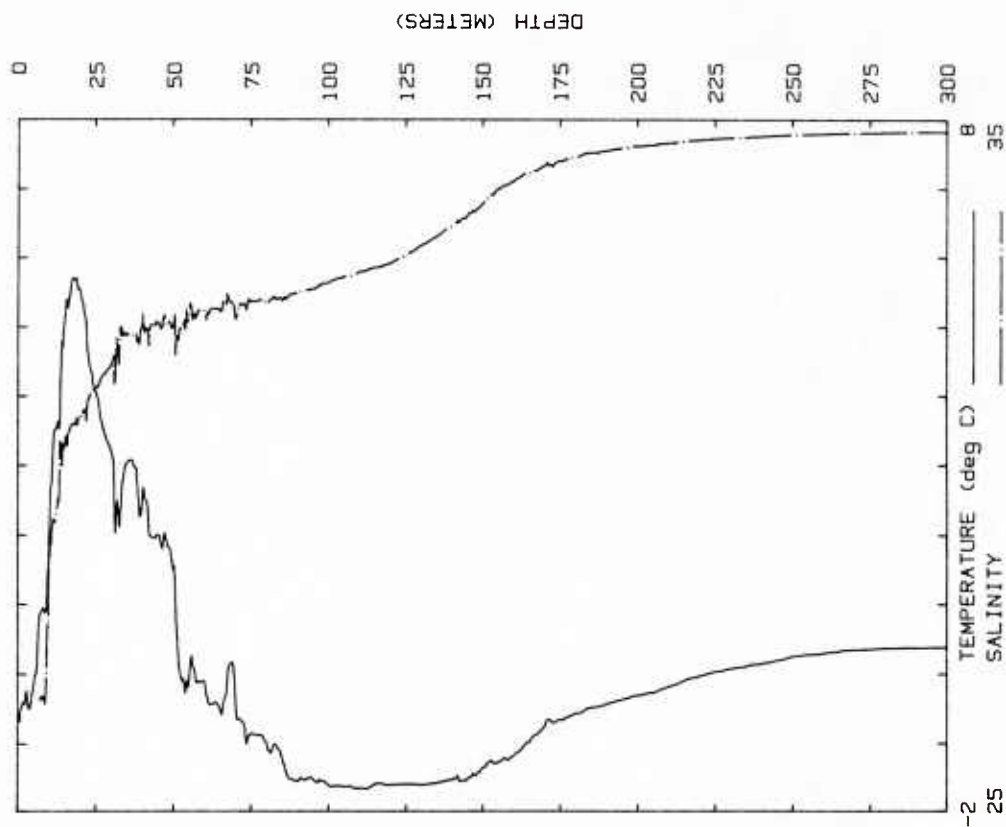
CAST# 104 UP  
 DATE, 09/09/10  
 TIME, 23:51:17  
 LAT, 72 33.8 N  
 LON, 154 10.6 W

# MIZPAC 85 TS CURVE



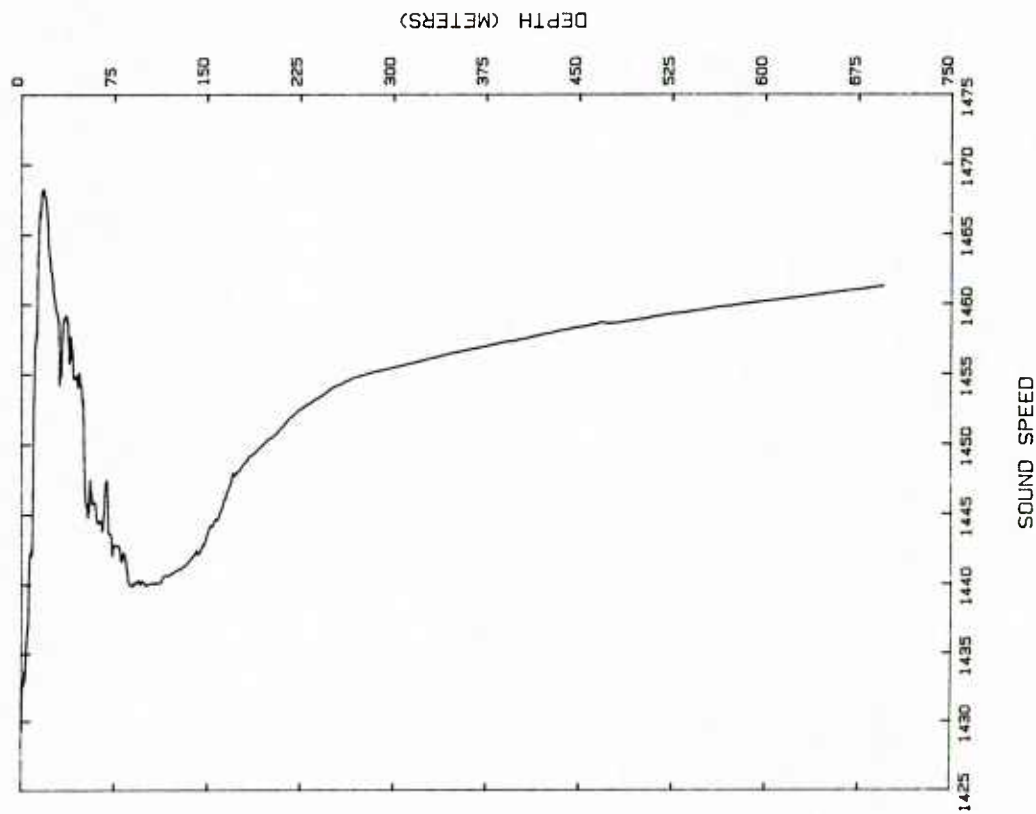
CAST # 105 DOWN  
 LAT 72 11.6 N  
 LON 154 43.0 W  
 DATE 09-12-1985  
 TIME 02:32:49  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2304--1

# MIZPAC 85 CTD PROFILE



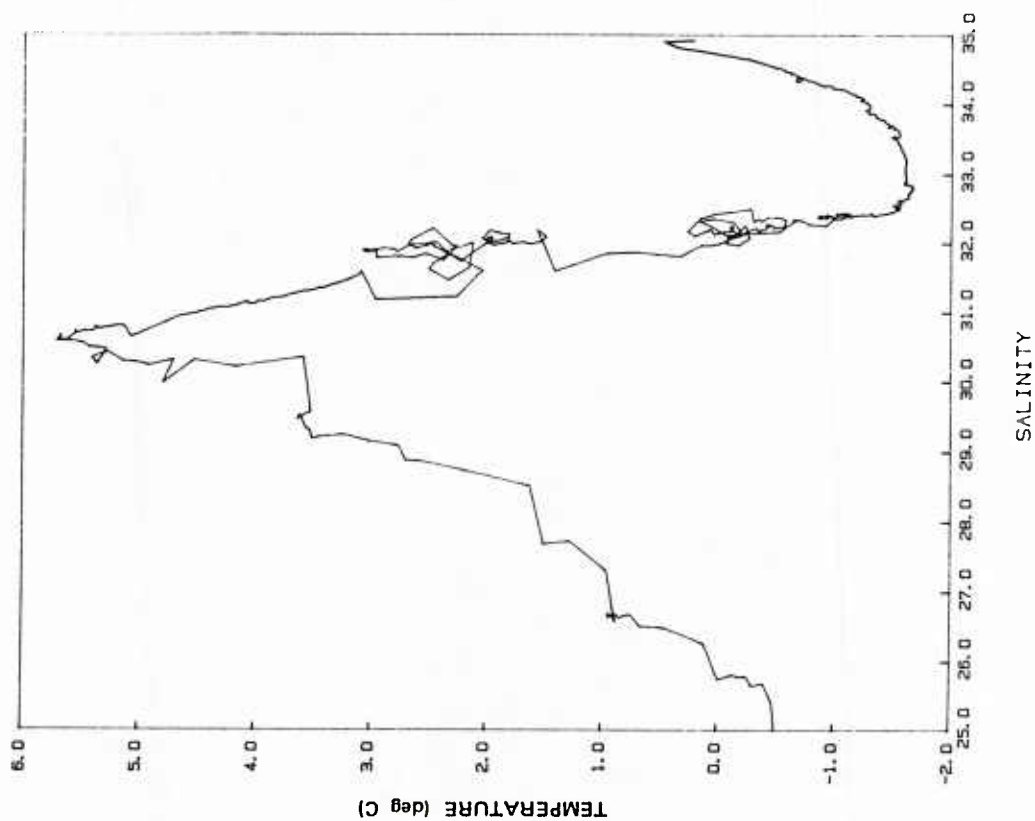
CAST # 105 DOWN  
 DATE: 08/09/12  
 TIME: 02:32:49  
 LAT: 72 11.6 N  
 LON: 154 43.0 W

# MIZPAC 85 CALCULATED SOUND SPEED



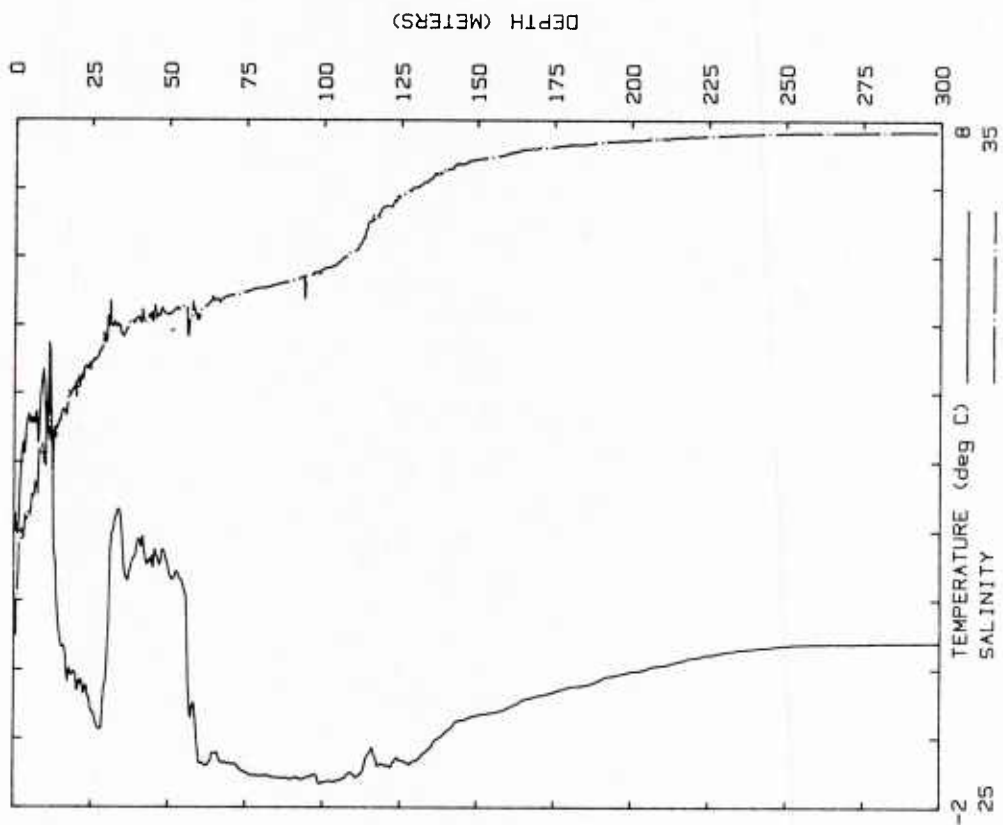
CASE # 105 DOWN  
 DATE, 85/09/12  
 TIME, 02:32.49  
 LAT, 72 11.6 N  
 LON, 154 43.0 W

# MIZPAC 85 TS CURVE



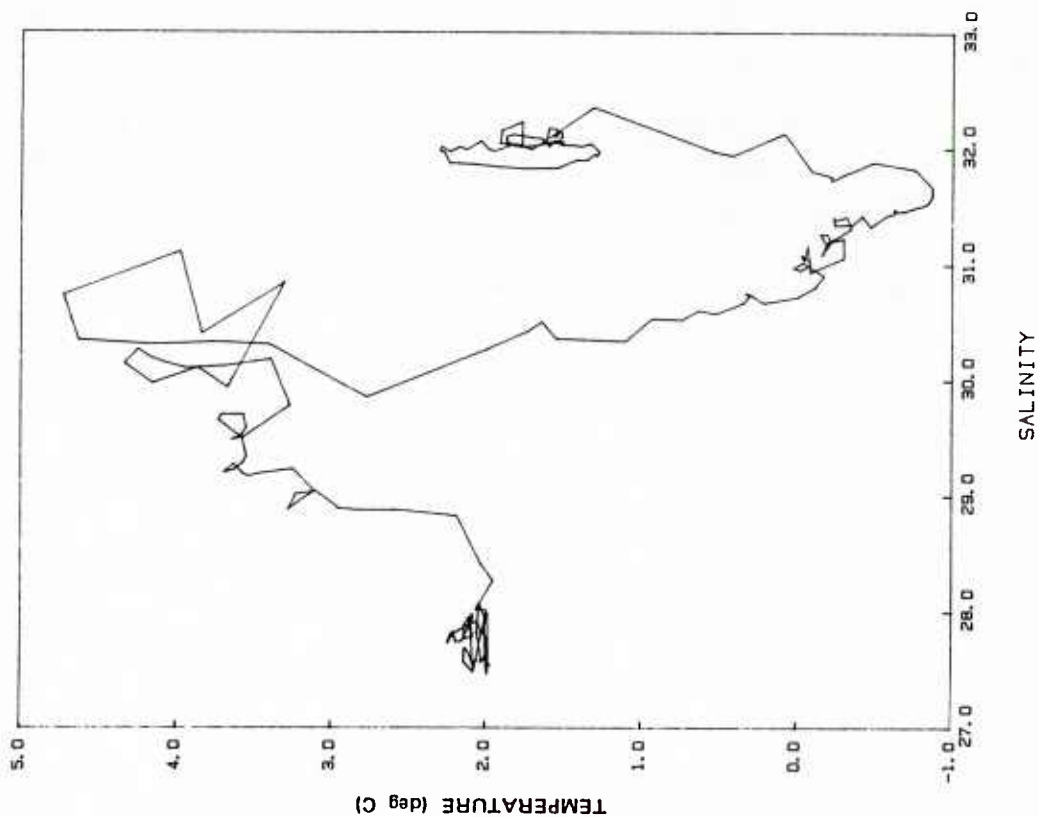
CASE # 106 DOWN  
 LAT 72 02.6 N  
 LON 154 53.6 W  
 DATE 09-12-1985  
 TIME 04:43:07  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



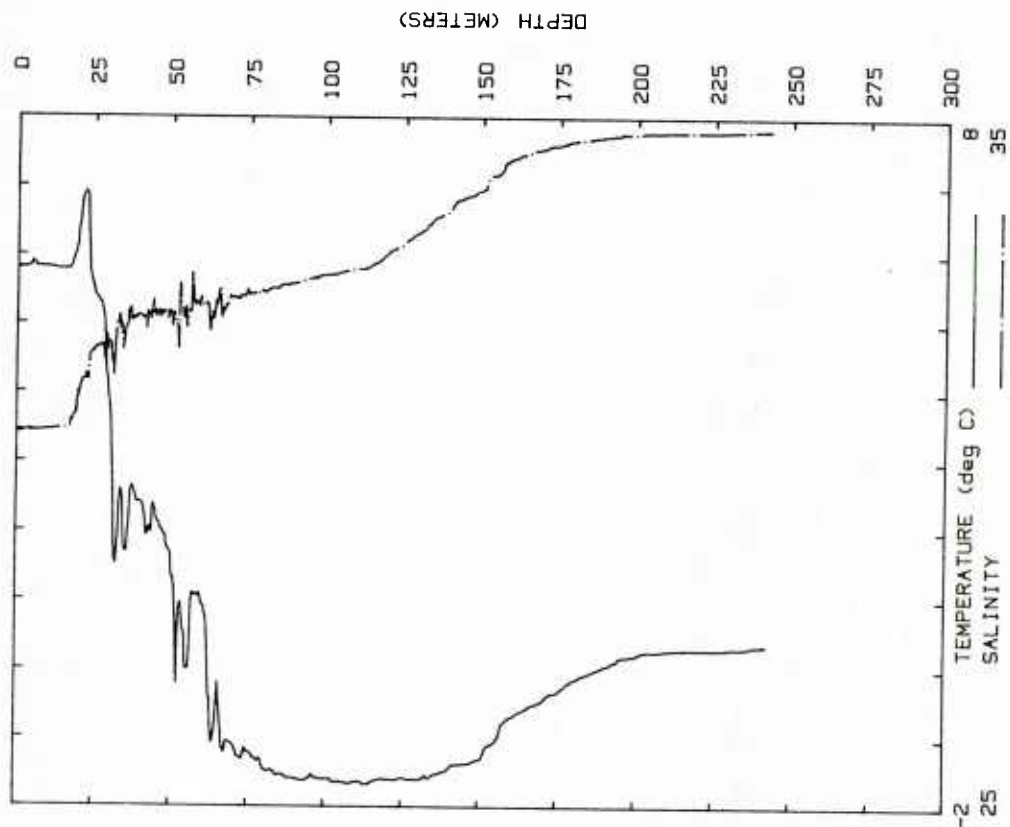
CAST# 106 DOWN  
 DATE: 85/08/12  
 TIME: 04.43.07  
 LAT: 72 02.6 N  
 LON: 154 53.6 W

# MIZPAC 85 TS CURVE



CAST # 107 DOWN  
 LAT 71 53.1 N  
 LON 154 56.5 W  
 DATE 09-12-1985  
 TIME 06:22:16  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

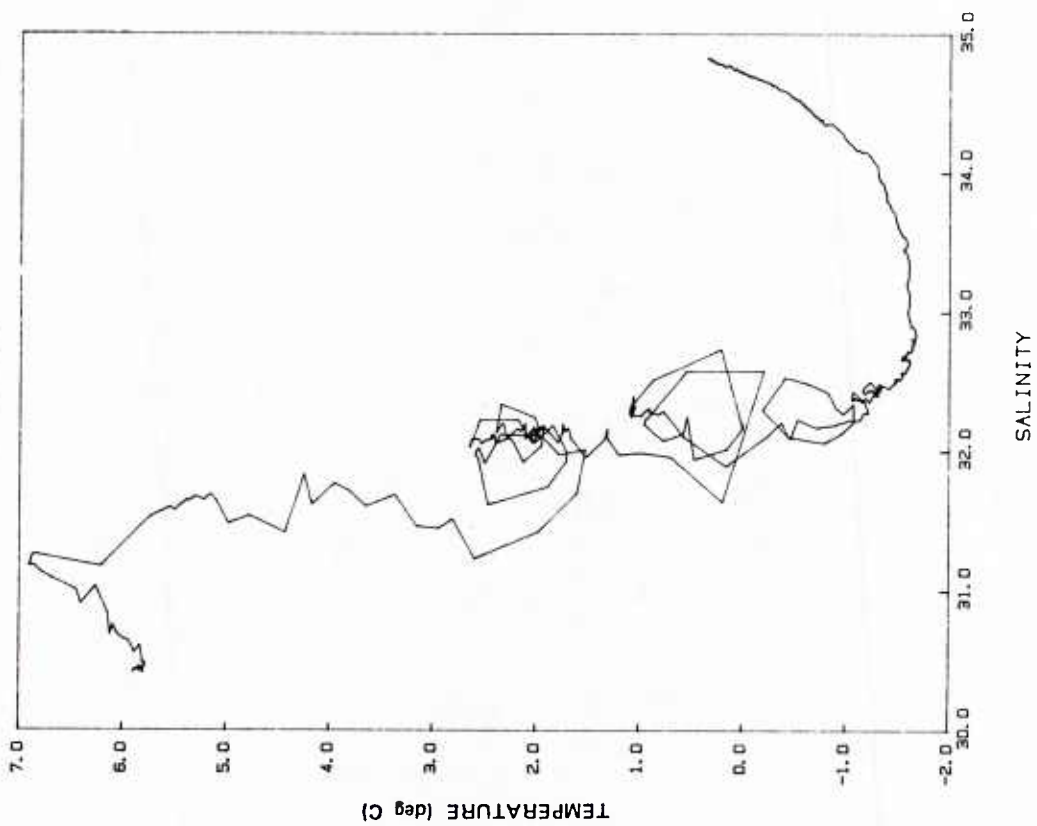
# MIZPAC 85 CTD PROFILE





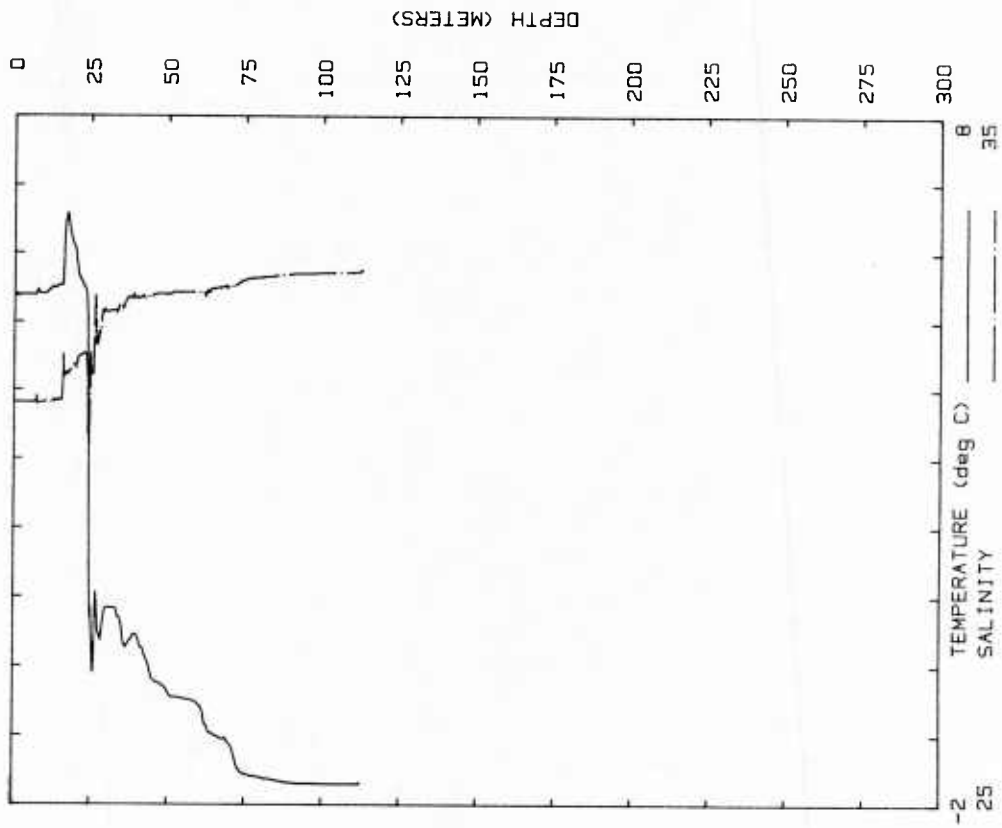
CAST# 107 DOWN  
 DATE, 85/09/12  
 TIME, 06:23.16  
 LAT, 71 53.1 N  
 LON, 154 56.5 W

# MIZPAC 85 TS CURVE



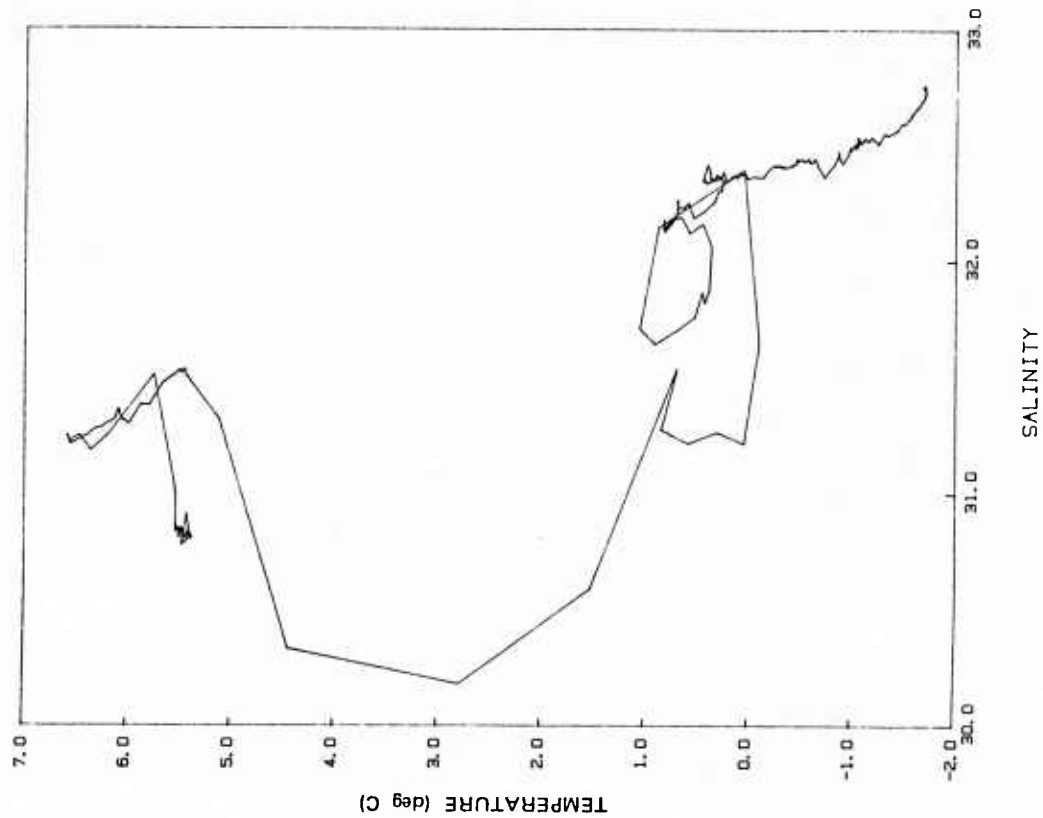
CAST # 108 DOWN  
 LAT 71 42.0 N  
 LON 155 39.7 W  
 DATE 09-12-1985  
 TIME 08:29:24  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



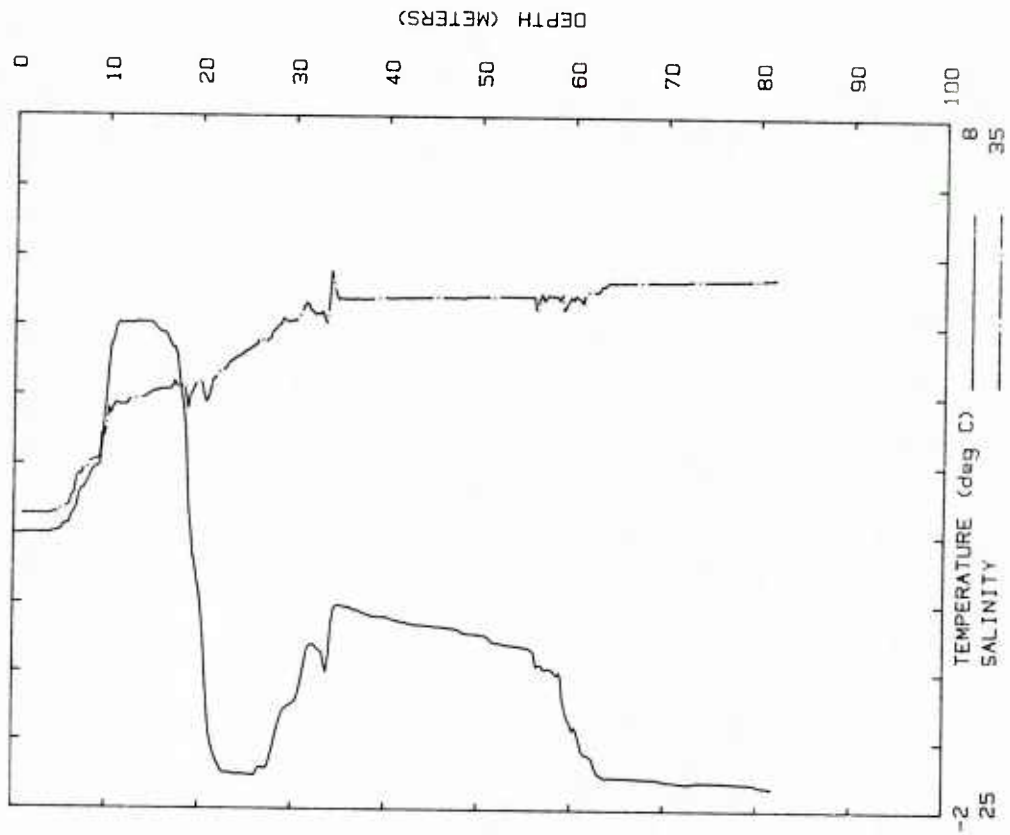
CAST# 108 DOWN  
 DATE: 85/09/12  
 TIME: 08:29:24  
 LAT: 71 42.0 N  
 LON: 155 39.7 W

# MIZPAC 85 TS CURVE



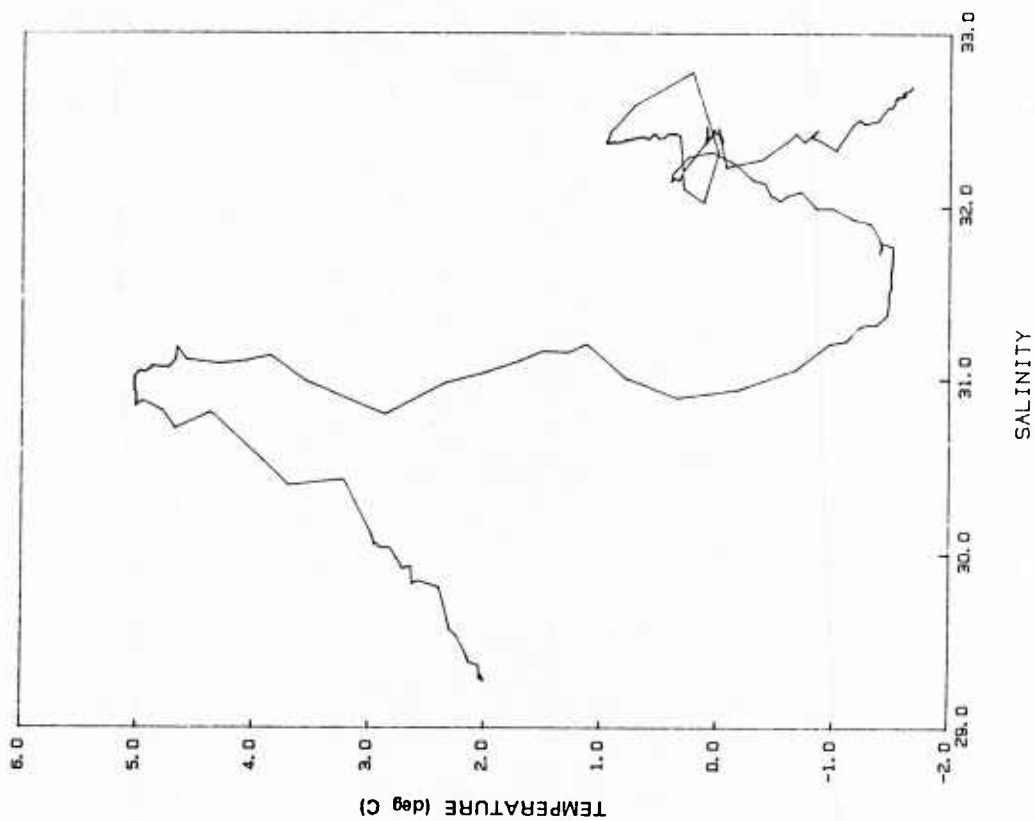
CAST # 109 DOWN  
 LAT 71 36.9 N  
 LON 156 06.6 W  
 DATE 09-12-1985  
 TIME 09:48:08  
 SENSORS METIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



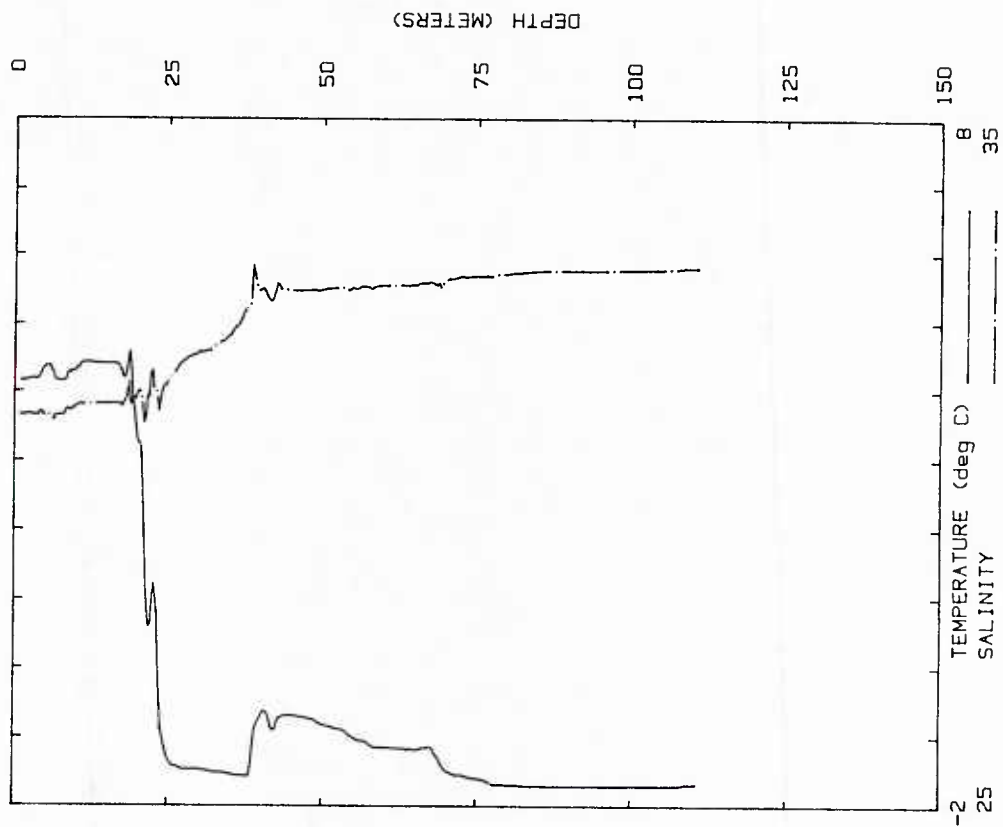
CAST# 109 DOWN  
 DATE: 85/09/12  
 TIME: 09:48:08  
 LAT: 71 38.9 N  
 LON: 156 06.6 W

# MIZPAC 85 TS CURVE



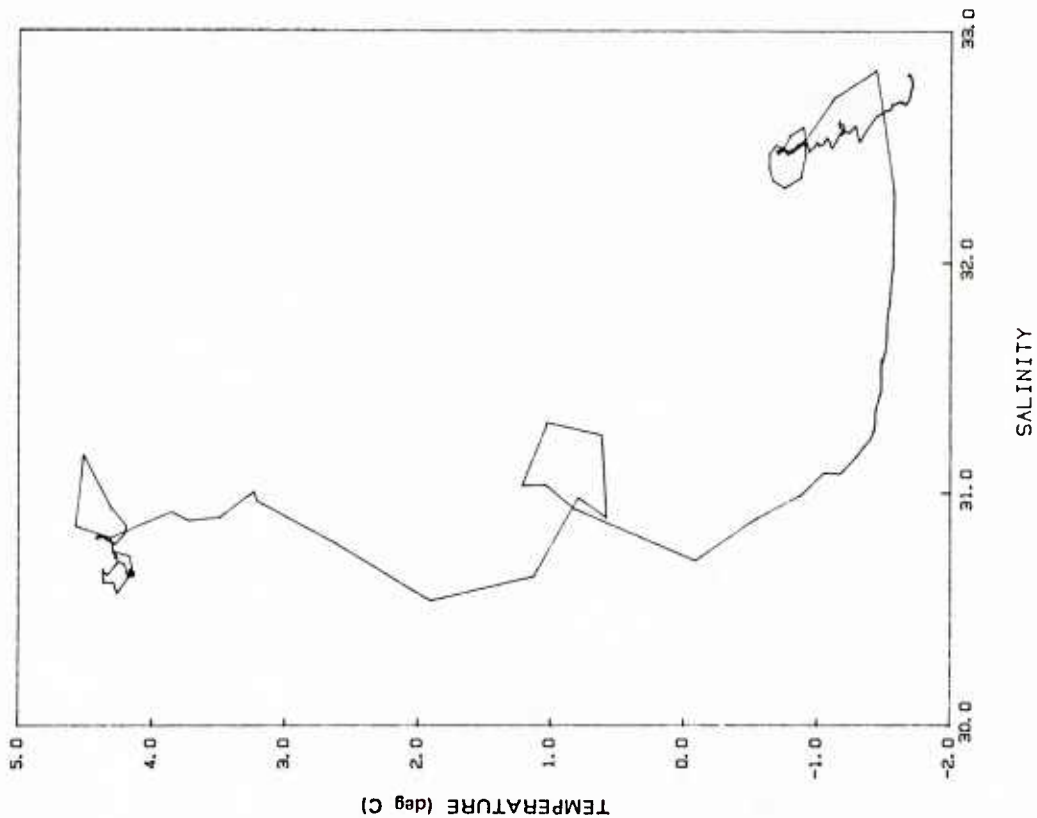
CAST # 110 DOWN  
 LAT 71 35.2 N  
 LON 156 32.5 W  
 DATE 09-12-1985  
 TIME 11:29:45  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



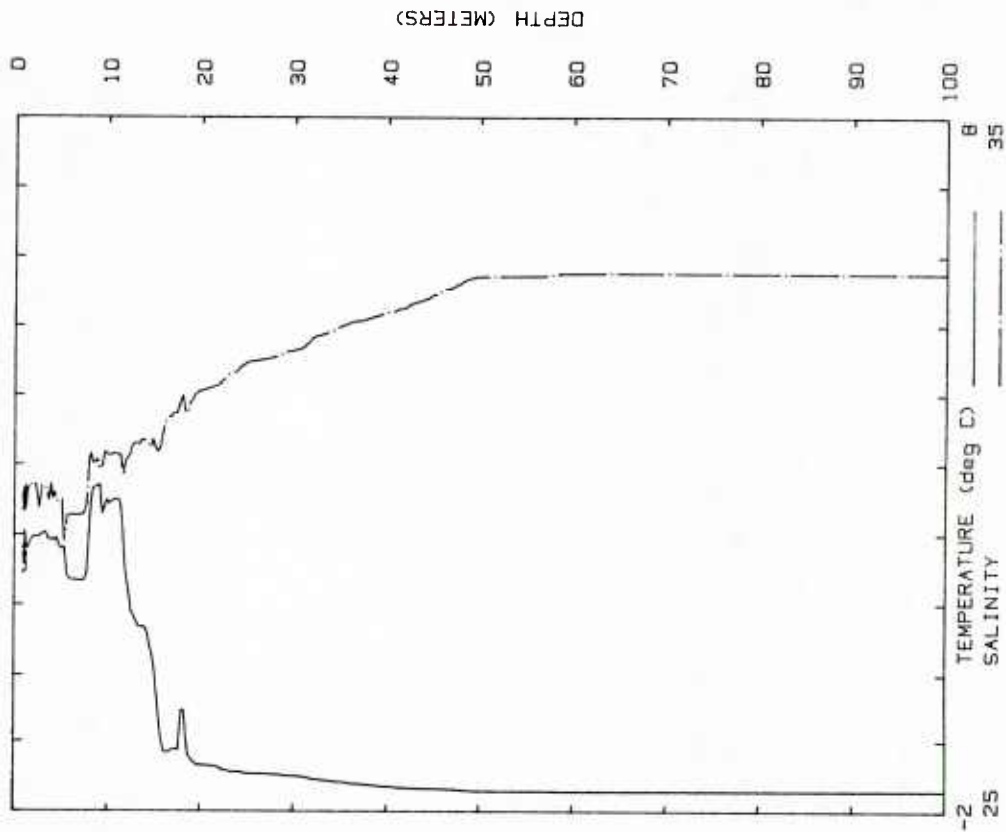
CAST# 110 DOWN  
DATE: 85/09/12  
TIME: 11:29.45  
LAT: 71 35.2 N  
LON: 156 32.5 W

MIZPAC 85  
TS CURVE



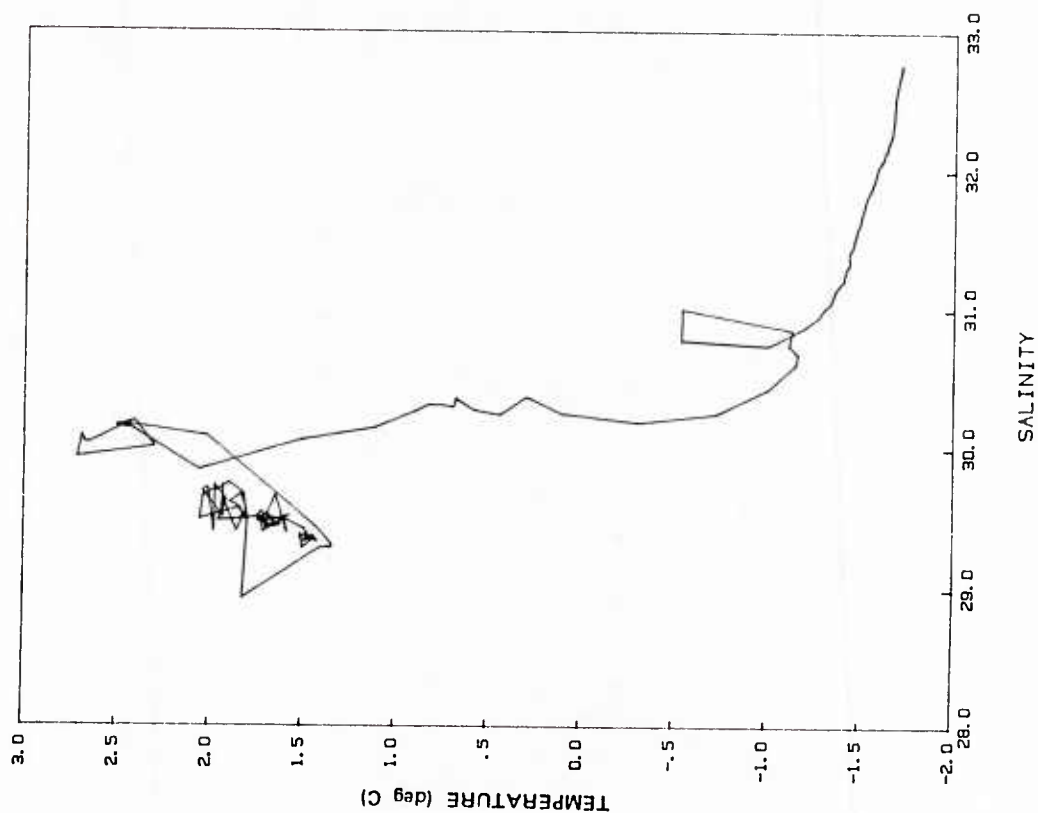
CAST # 111 DOWN  
LAT 71 25.7 N  
LON 157 31.0 W  
DATE 09-12-1985  
TIME 13:49:54  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

MIZPAC 85  
CTD PROFILE



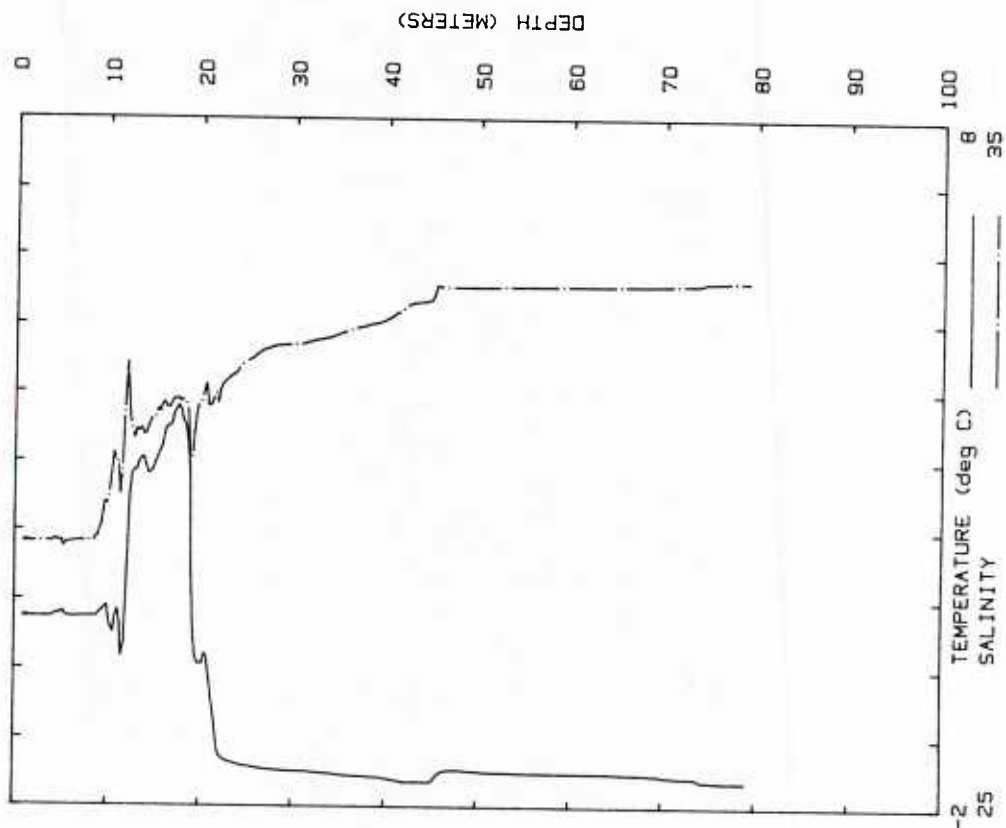
CAST# 111 DOWN  
 DATE: 05/09/12  
 TIME: 13:49:54  
 LAT: 71 25.7 N  
 LON: 157 31.0 W

# MIZPAC 85 TS CURVE



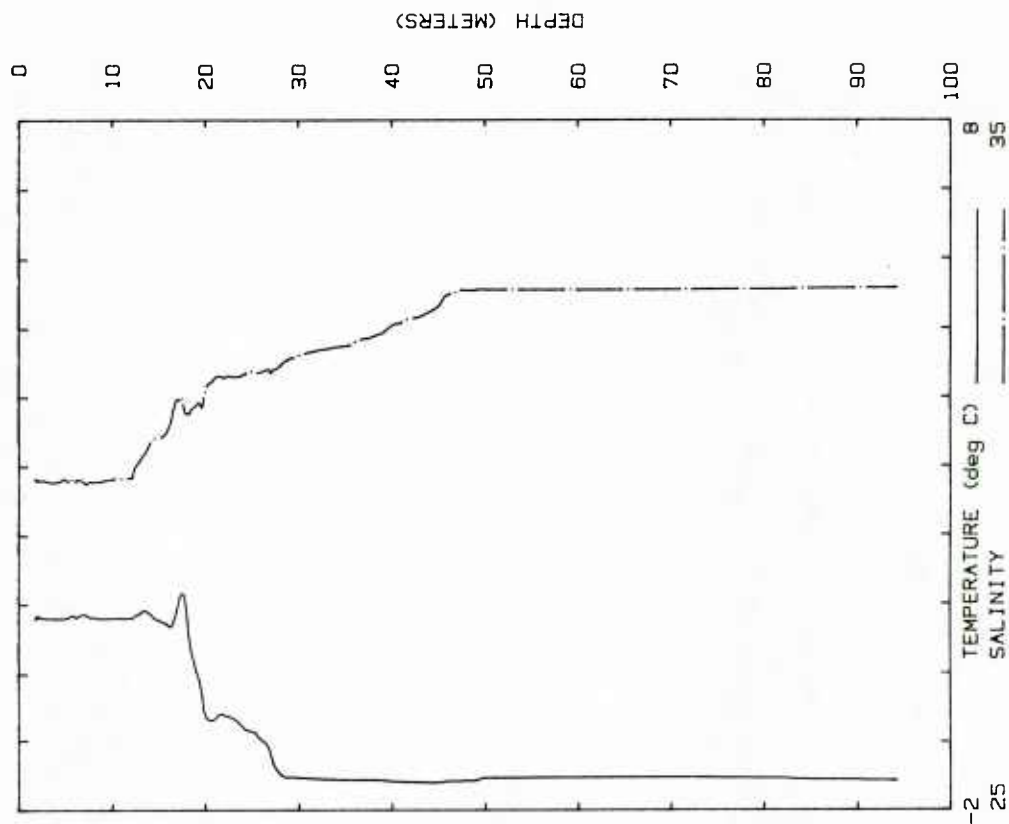
CAST # 112 DOWN  
 LAT 71 21.2 N  
 LON 157 57.8 W  
 DATE 08-12-1985  
 TIME 13:03:59  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



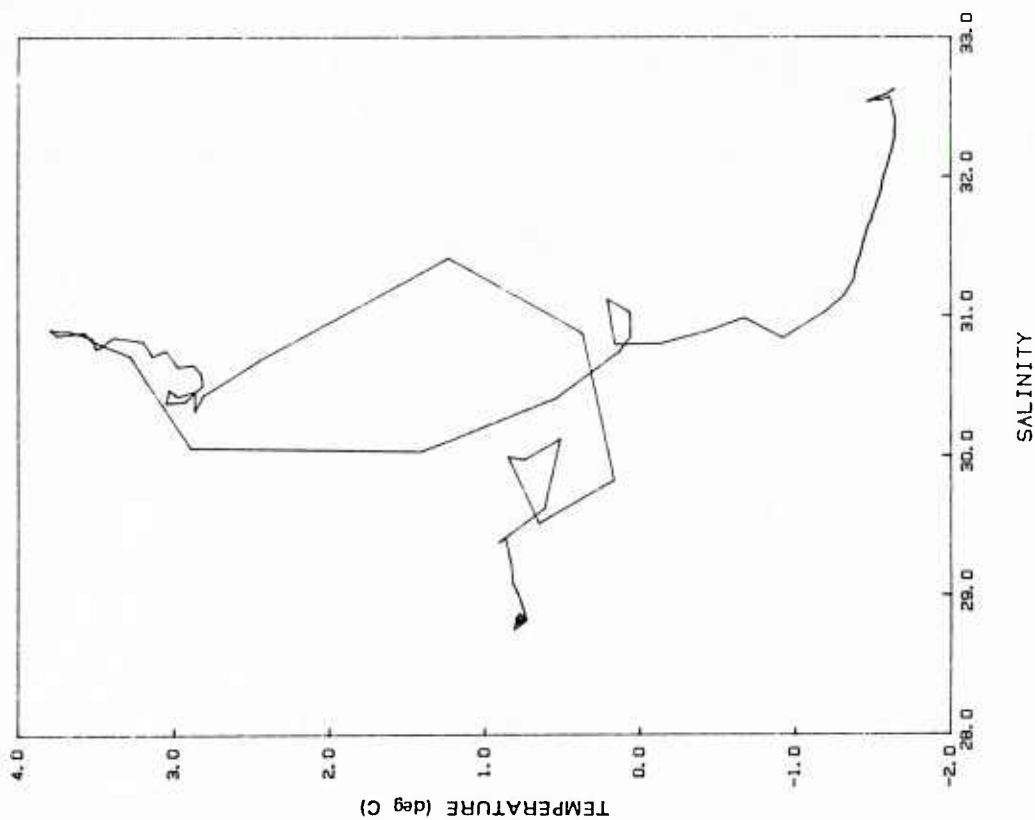
CAST # 113 DOWN  
 LAT 71 16.3 N  
 LON 158 26.0 W  
 DATE 08-12-1985  
 TIME 16:23:06  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



CAST# 112 DOWN  
 DATE: 85/09/12  
 TIME: 15:03:59  
 LAT: 71 21.2 N  
 LON: 157 57.8 W

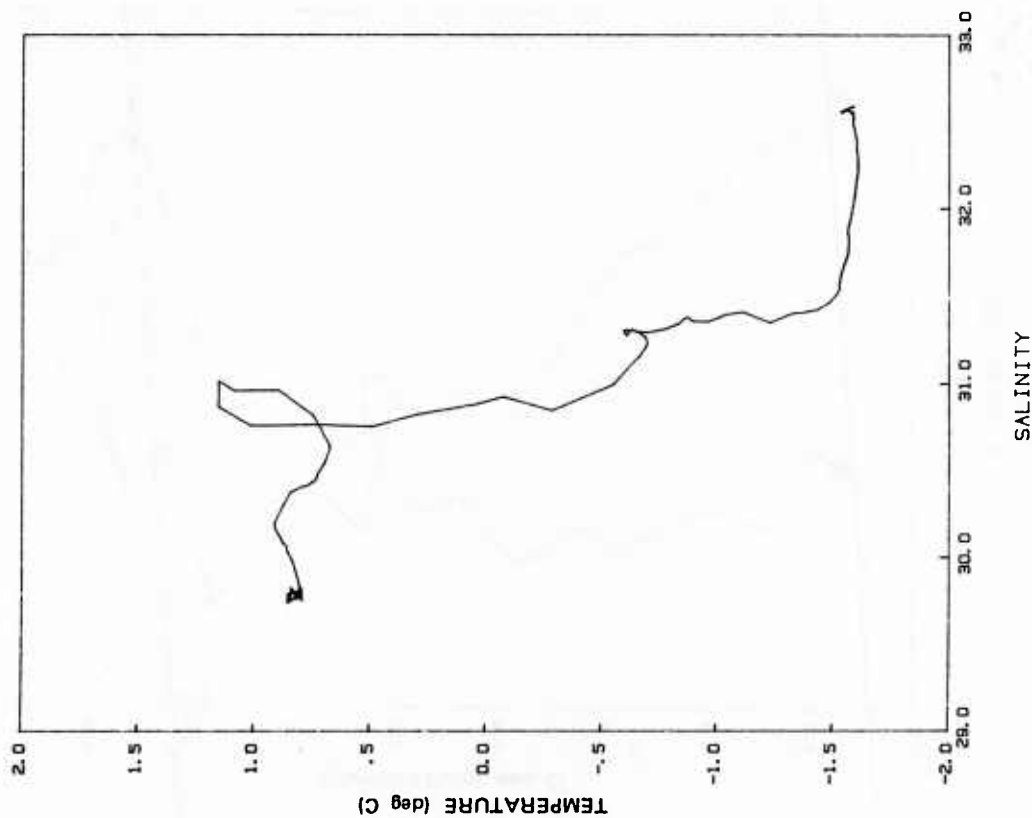
# MIZPAC 85 TS CURVE





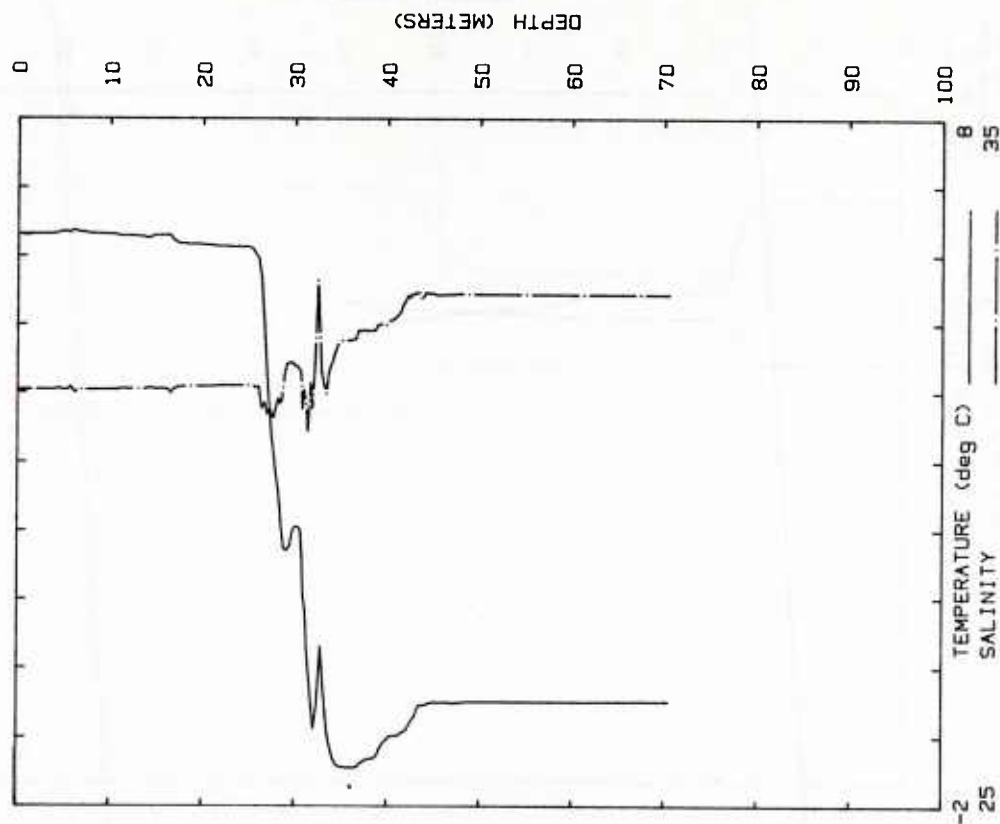
CAST# 113 DOWN  
 DATE: 85/09/12  
 TIME: 18:23:06  
 LAT: 71 16.3 N  
 LON: 158 26.0 W

# MIZPAC 85 TS CURVE



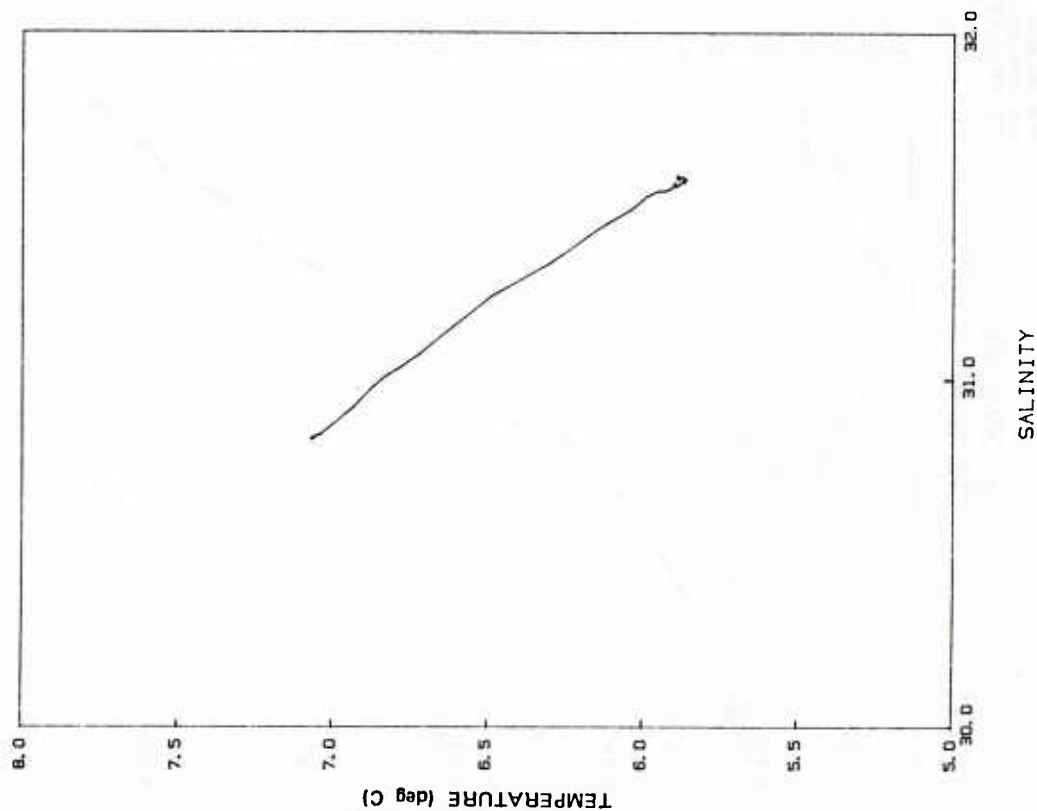
CAST # 114 DOWN  
 LAT 71 06.5 N  
 LON 158 17.9 W  
 DATE 09-12-1985  
 TIME 18:52:23  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



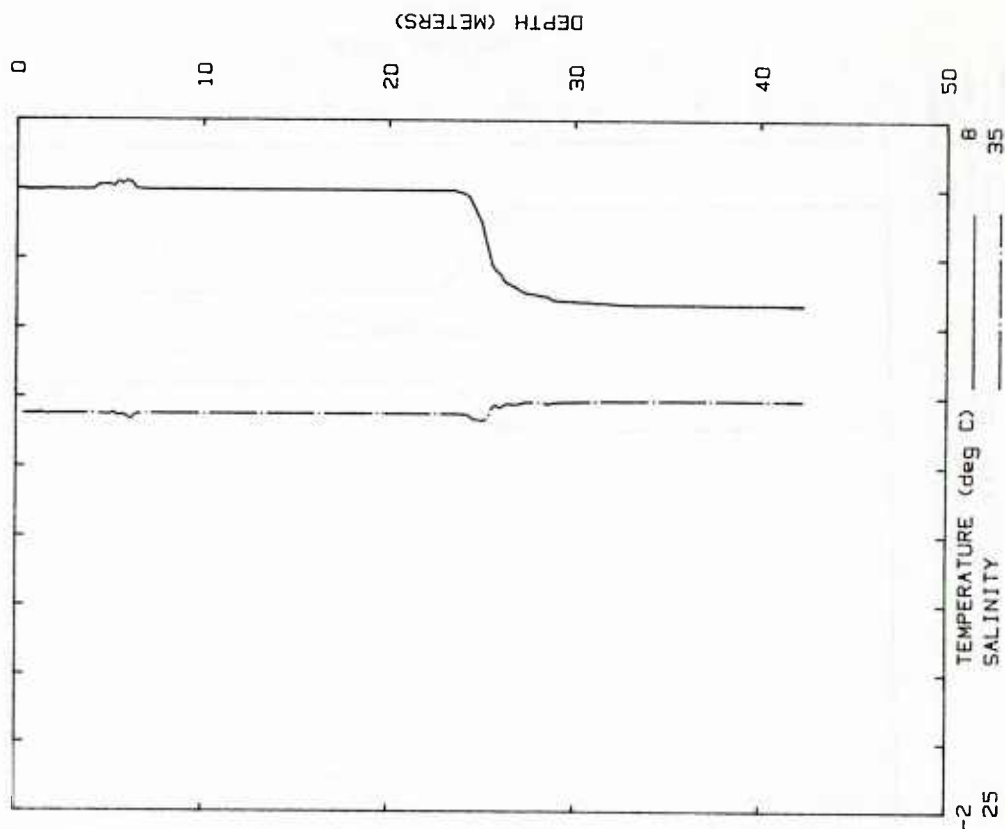
CAST# 116 DOWN  
DATE: 85/09/12  
TIME: 22:32.13  
LAT: 70 51.0 N  
LON: 160 35.6 W

# MIZPAC 85 TS CURVE



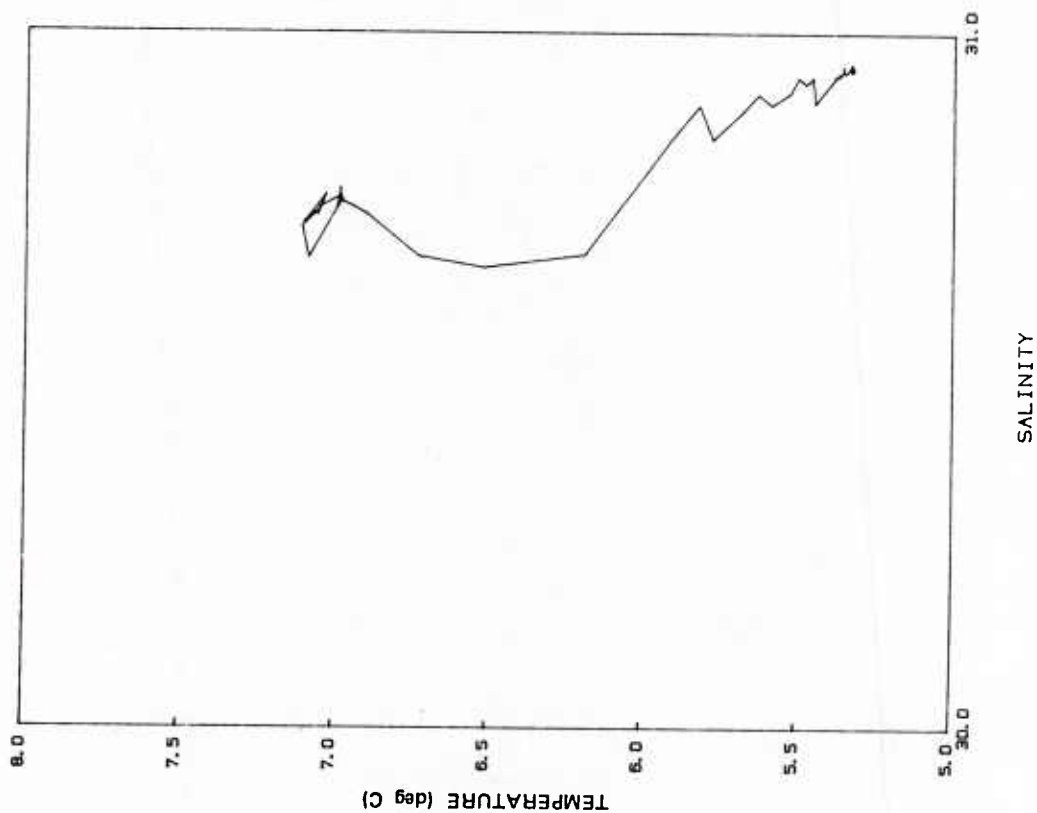
CAST # 117 DOWN  
LAT 70 48.0 N  
LON 160 14.3 W  
DATE 09-13-1985  
TIME 02:04.49  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



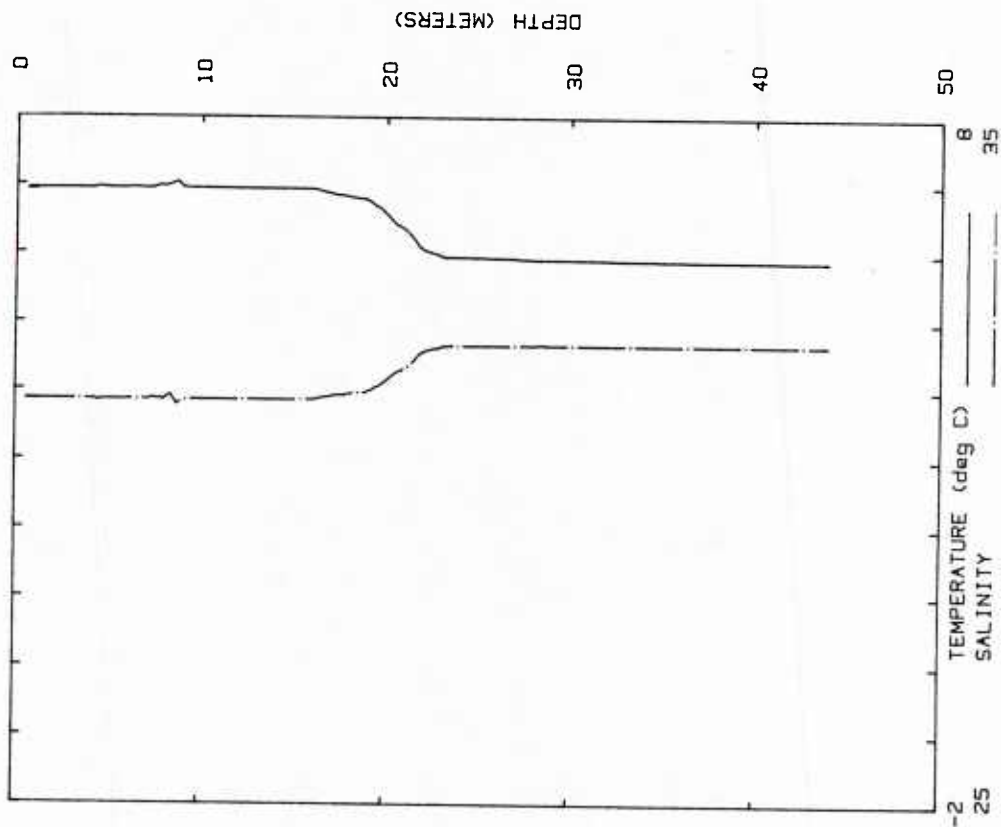
CAST# 117 DOWN  
DATE: 85/09/13  
TIME: 02:04:49  
LAT: 70 49.0 N  
LON: 160 14.3 W

# MIZPAC 85 TS CURVE



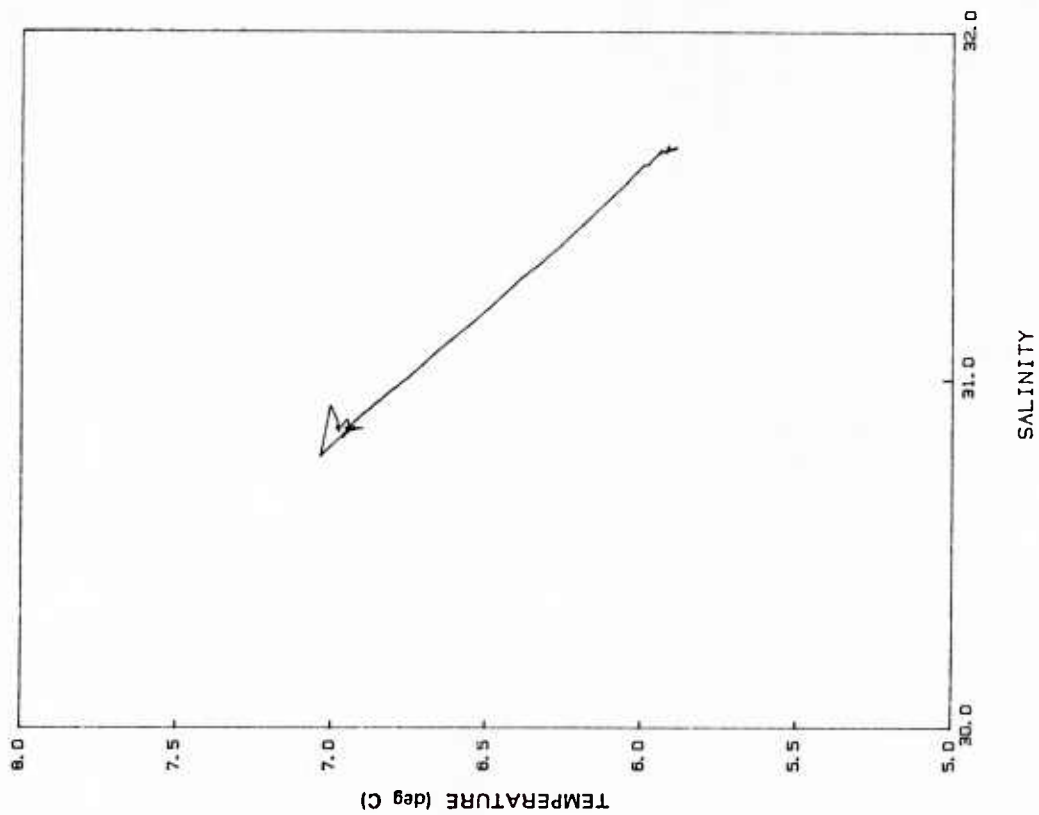
CAST # 118 DOWN  
LAT 70 54.6 N  
LON 160 20.7 W  
DATE 08-13-1985  
TIME 03:08:35  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



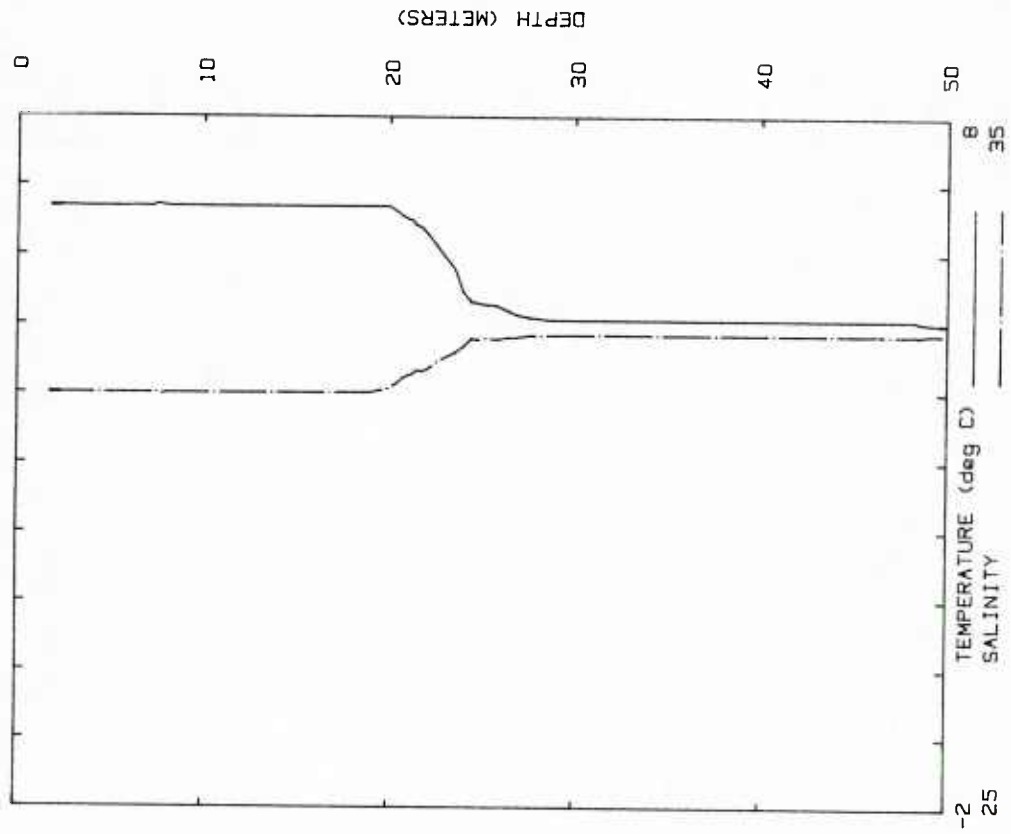
CAST# 118 DOWN  
DATE: 85/08/13  
TIME: 03:08:35  
LAT: 70 54.6 N  
LON: 160 20.7 W

### MIZPAC 85 TS CURVE



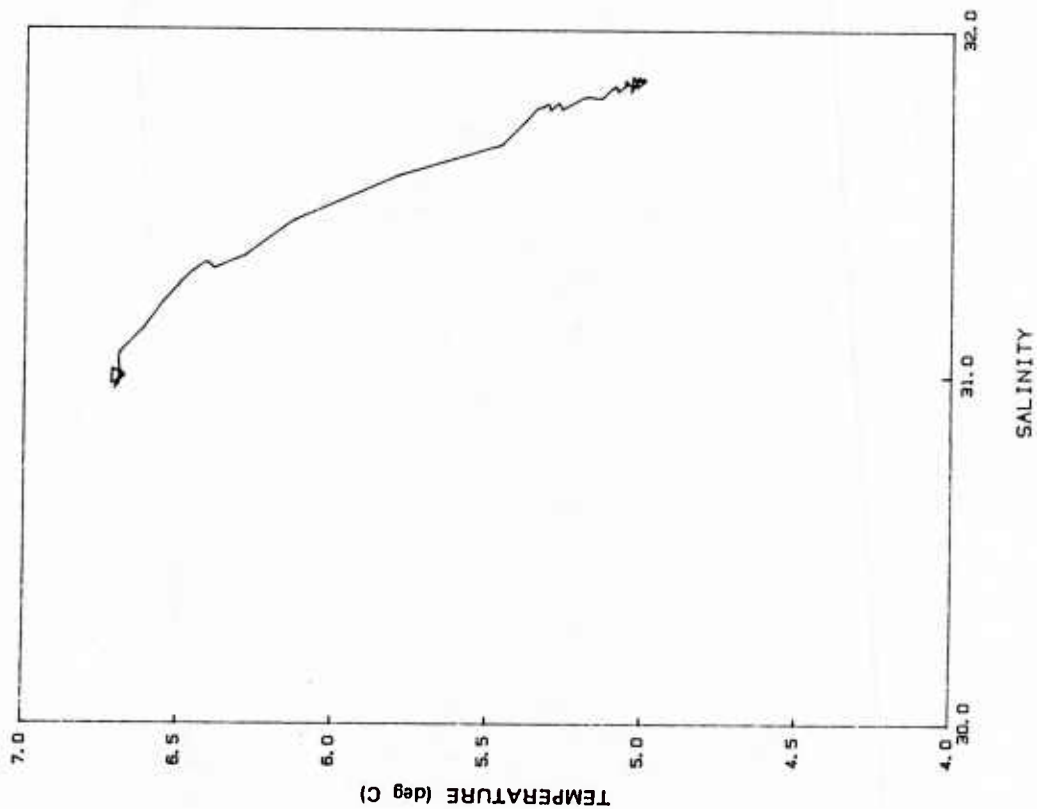
CAST # 119 DOWN  
LAT 70 57.7 N  
LON 160 23.2 W  
DATE 09-13-1985  
TIME 03:46:41  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2504-1

### MIZPAC 85 CTD PROFILE



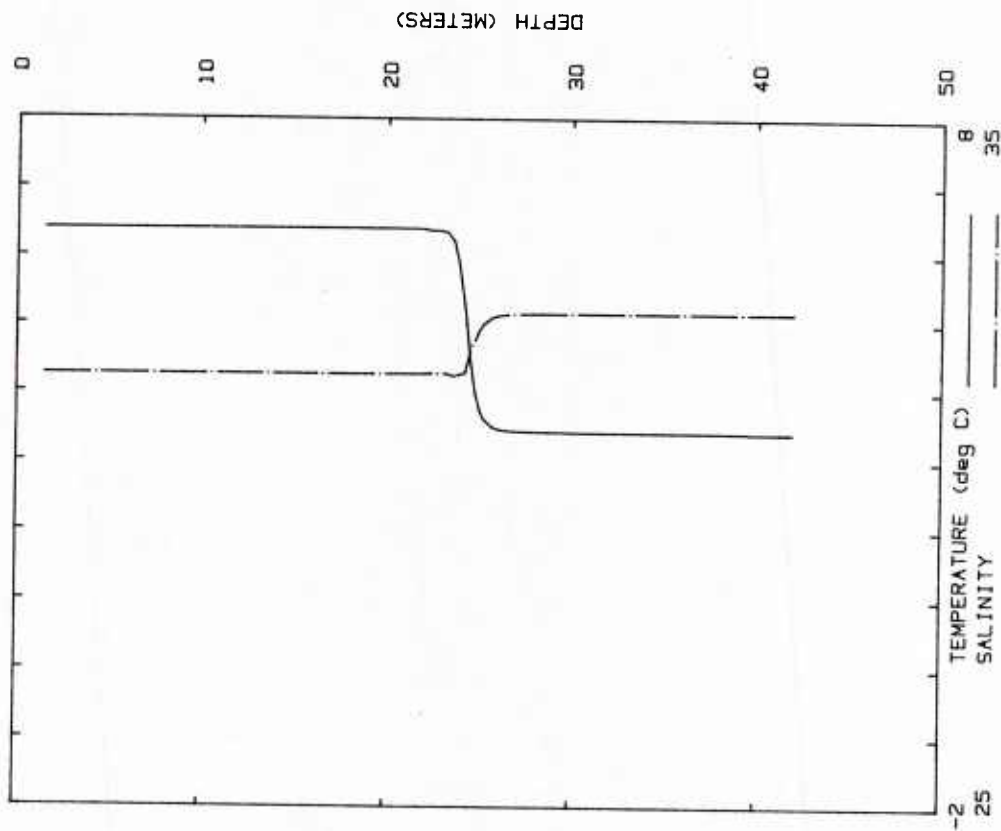
CAST# 119 DOWN  
 DATE, 85/09/13  
 TIME, 03:46:41  
 LAT, 70 57.7 N  
 LON, 160 23.2 W

# MIZPAC 85 TS CURVE



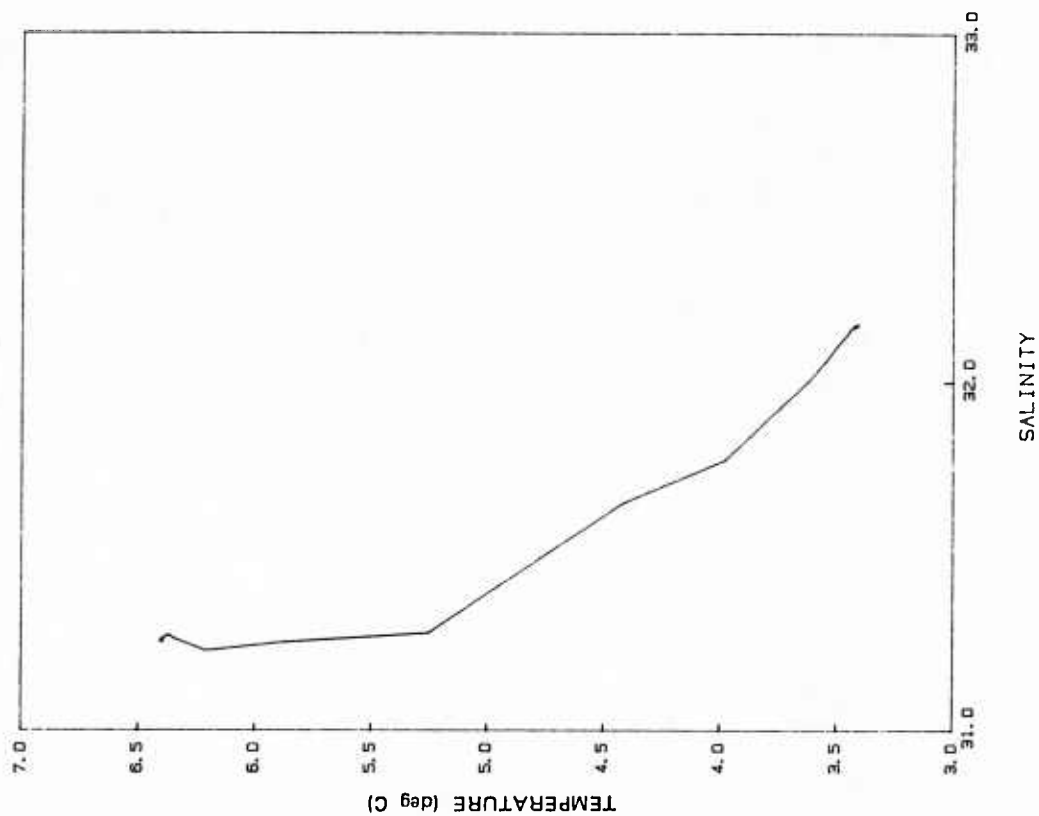
CAST # 120 DOWN  
 LAT 71 00.5 N  
 LON 160 26.8 W  
 DATE 09-13-1985  
 TIME 04:21:21  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2304-1

# MIZPAC 85 CTD PROFILE



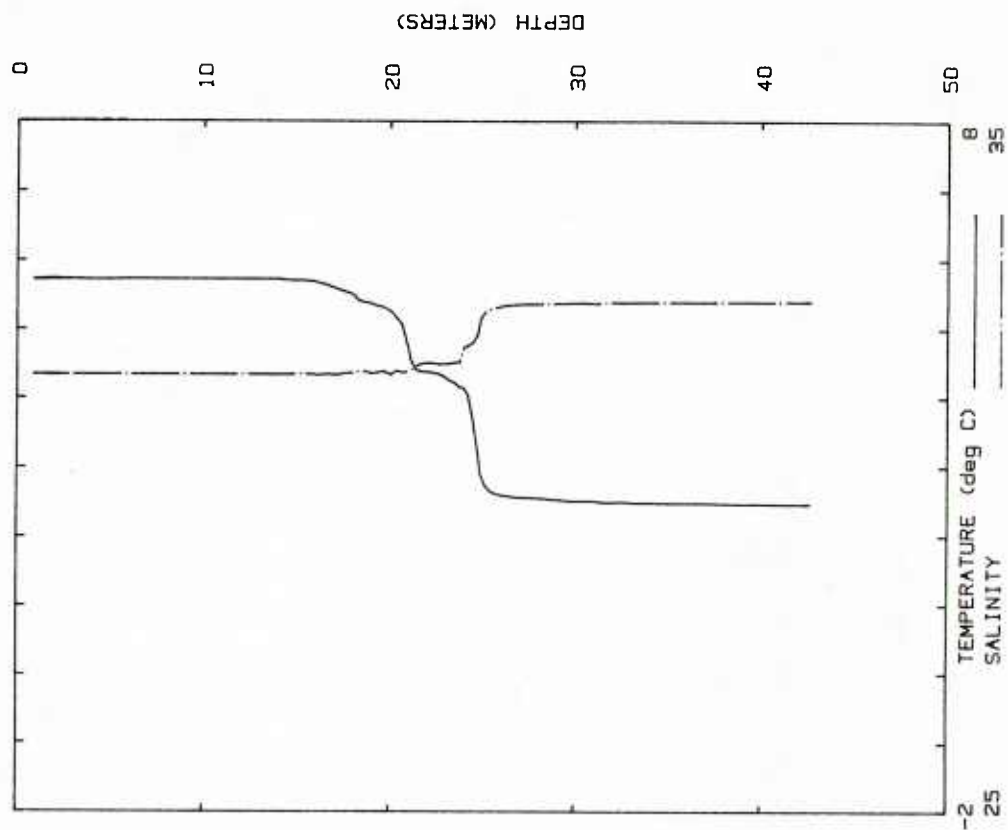
CAST# 120 DOWN  
 DATE: 85/09/13  
 TIME: 04:21:21  
 LAT: 71 00.5 N  
 LON: 160 26.8 W

# MIZPAC 85 TS CURVE



CAST # 121 DOWN  
 LAT: 71 04.1 N  
 LON: 160 28.2 W  
 DATE: 85-13-1985  
 TIME: 04:54:48  
 SENSOR: NEIL BROWN  
 MODEL: MK. III  
 NUMBER: 01-2804-1

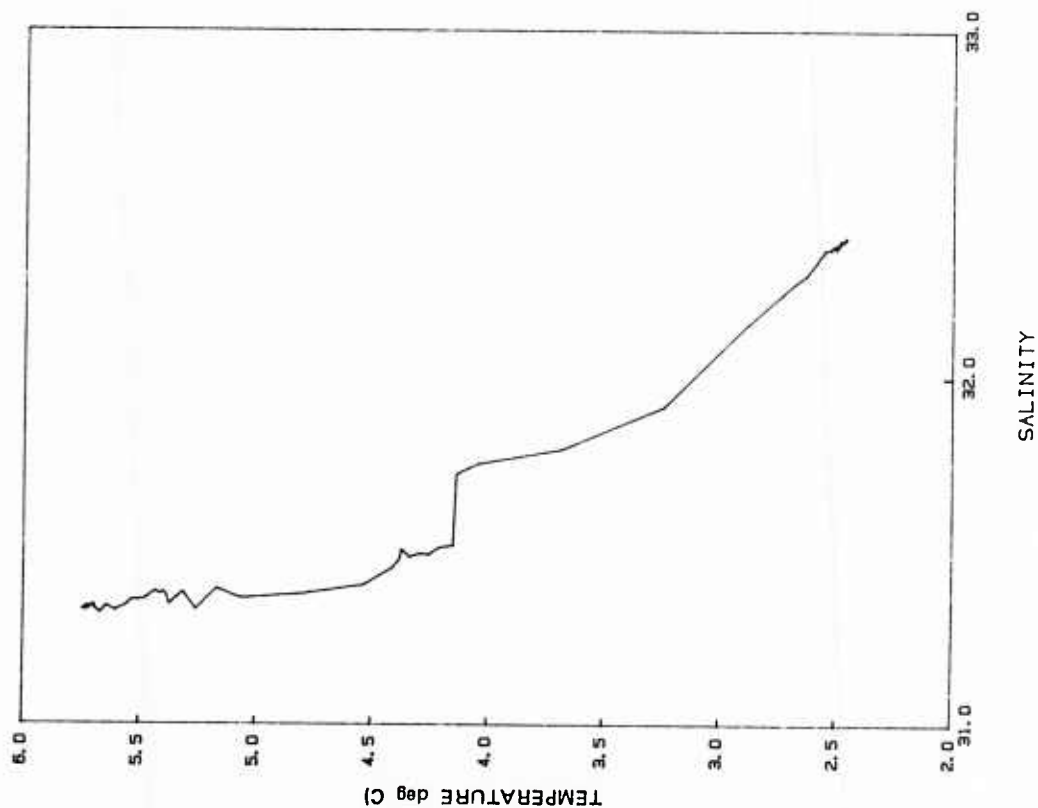
# MIZPAC 85 CTD PROFILE





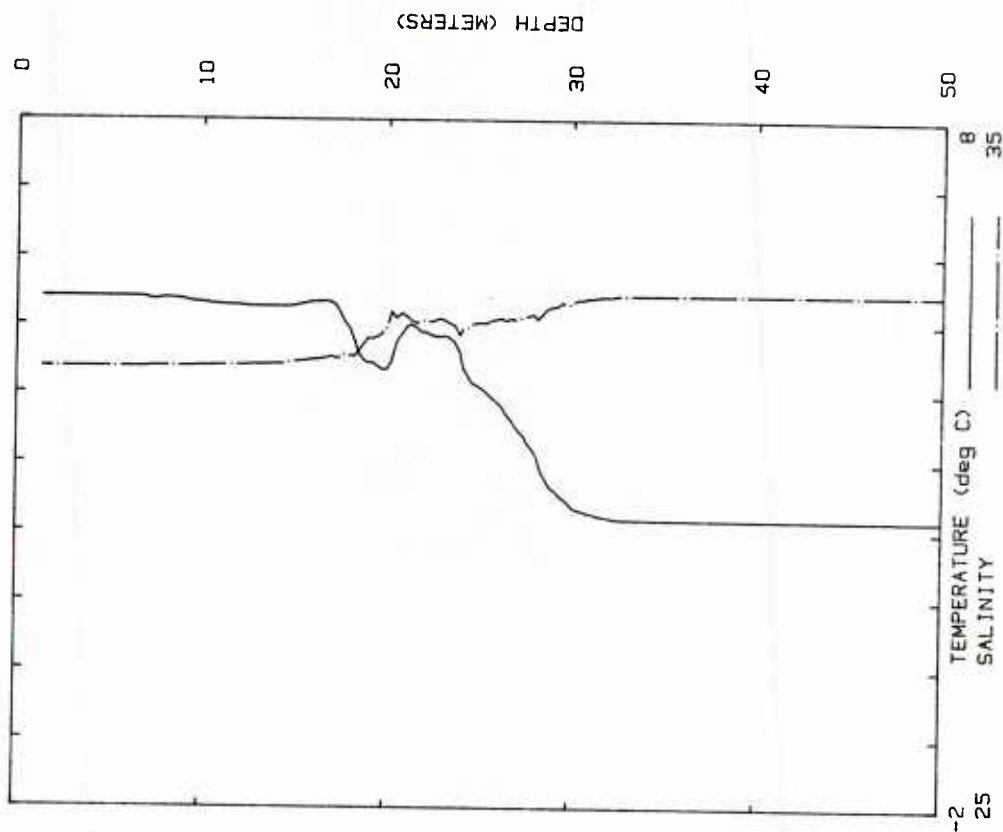
CAST# 121 DOWN  
 DATEG 85/08/13  
 TIMEG 04:54.49  
 LAT. 71 04.1 N  
 LON. 160 28.2 W

# MIZPAC 85 TS CURVE



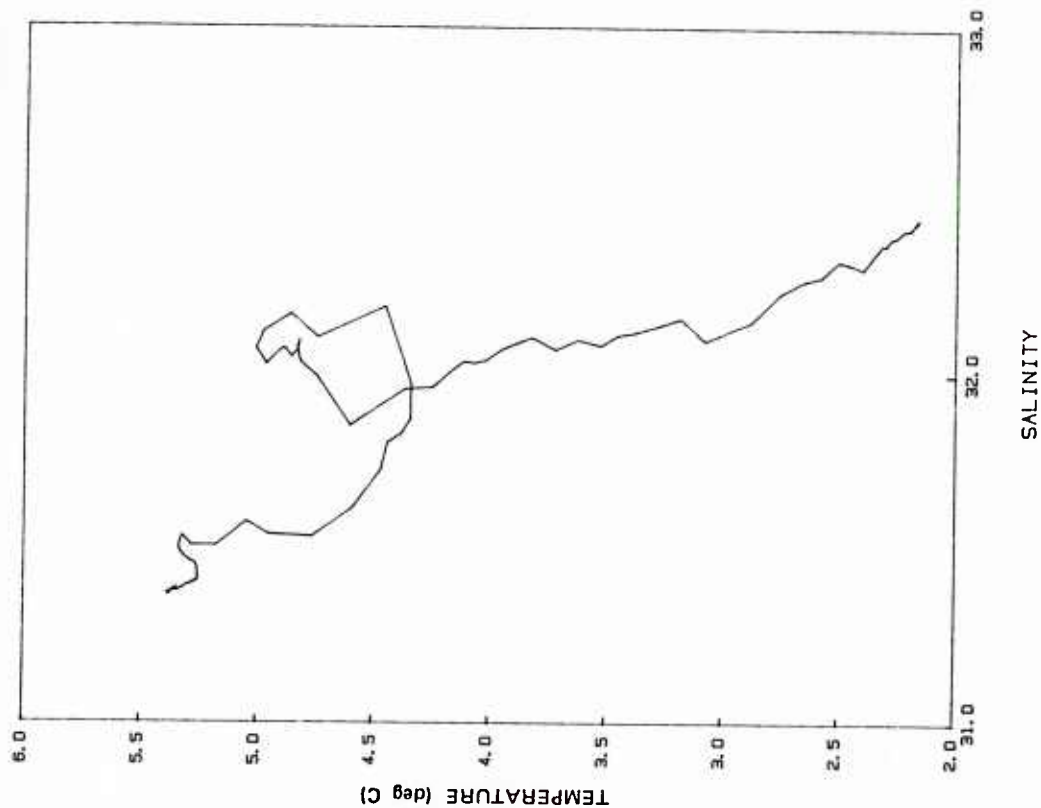
CAST # 122 DOWN  
 LAT 71 06.1 N  
 LON 160 33.8 W  
 DATE 09-13-1985  
 TIME 05:26.58  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER DJ-2804-1

# MIZPAC 85 CTD PROFILE



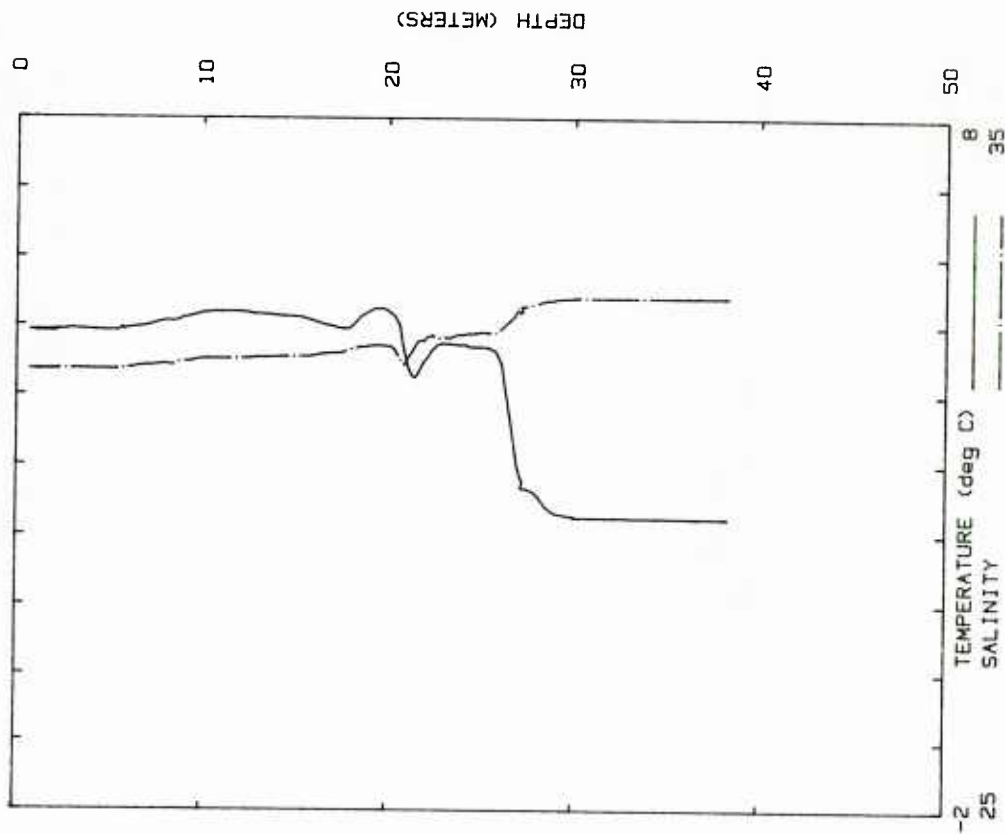
CAST# 122 DOWN  
 DATE: 85/09/13  
 TIME: 05:26:58  
 LAT: 71 06.1 N  
 LON: 160 33.6 W

# MIZPAC 85 TS CURVE



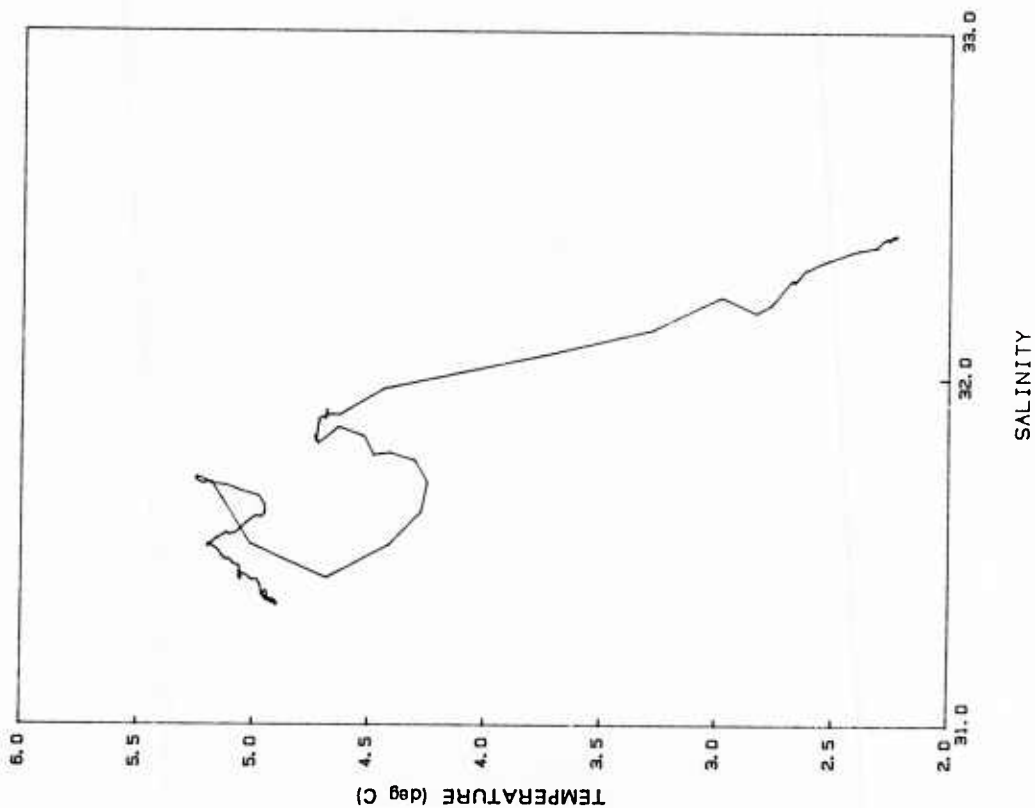
CAST # 123 DOWN  
 LAT 71 06.9 N  
 LON 160 37.1 W  
 DATE 09-13-1985  
 TIME 05:58:50  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



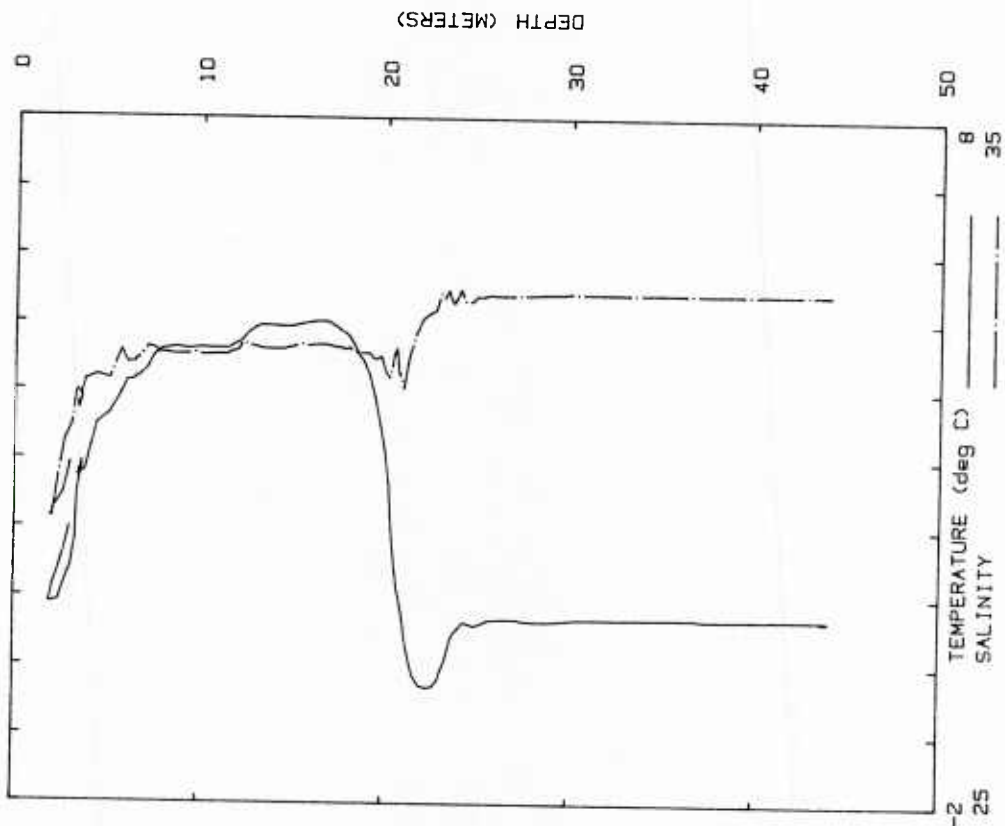
CAST# 123 DOWN  
 DATE: 85/08/13  
 TIME: 05:58:50  
 LAT: 71 08.9 N  
 LON: 160 37.1 W

# MIZPAC 85 TS CURVE



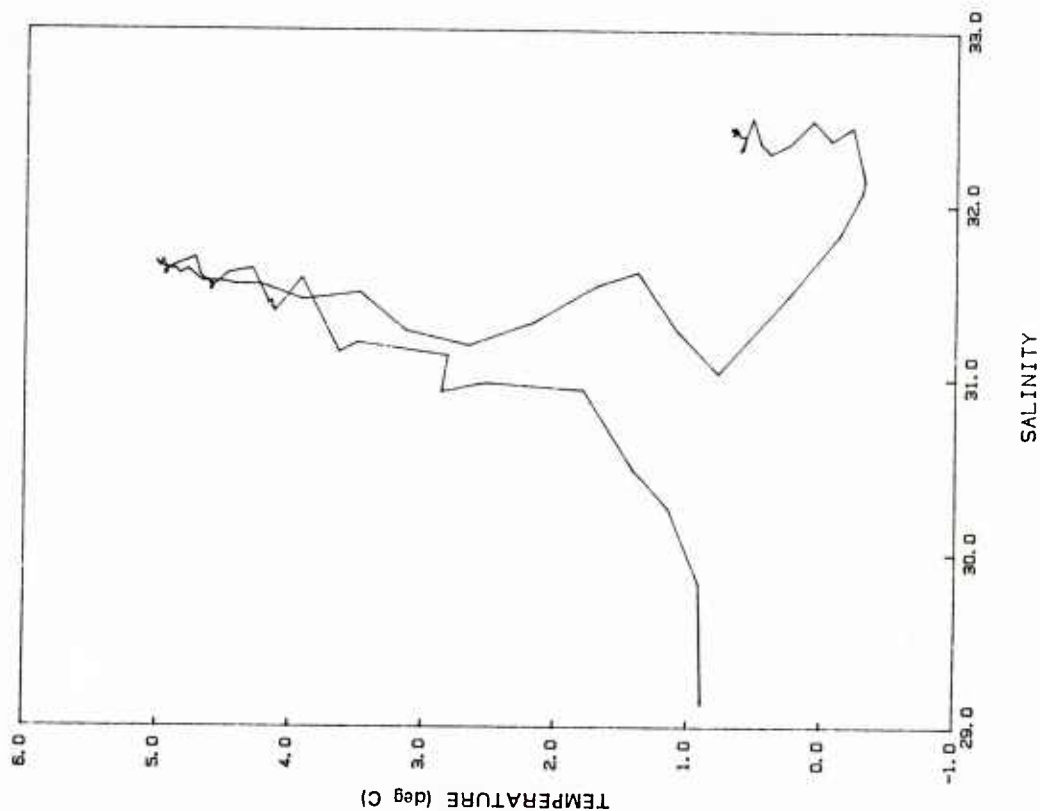
CAST # 124 DOWN  
 LAT 71 11.6 N  
 LON 160 40.1 W  
 DATE 09-13-1985  
 TIME 06:30:17  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2804-1

# MIZPAC 85 CTD PROFILE



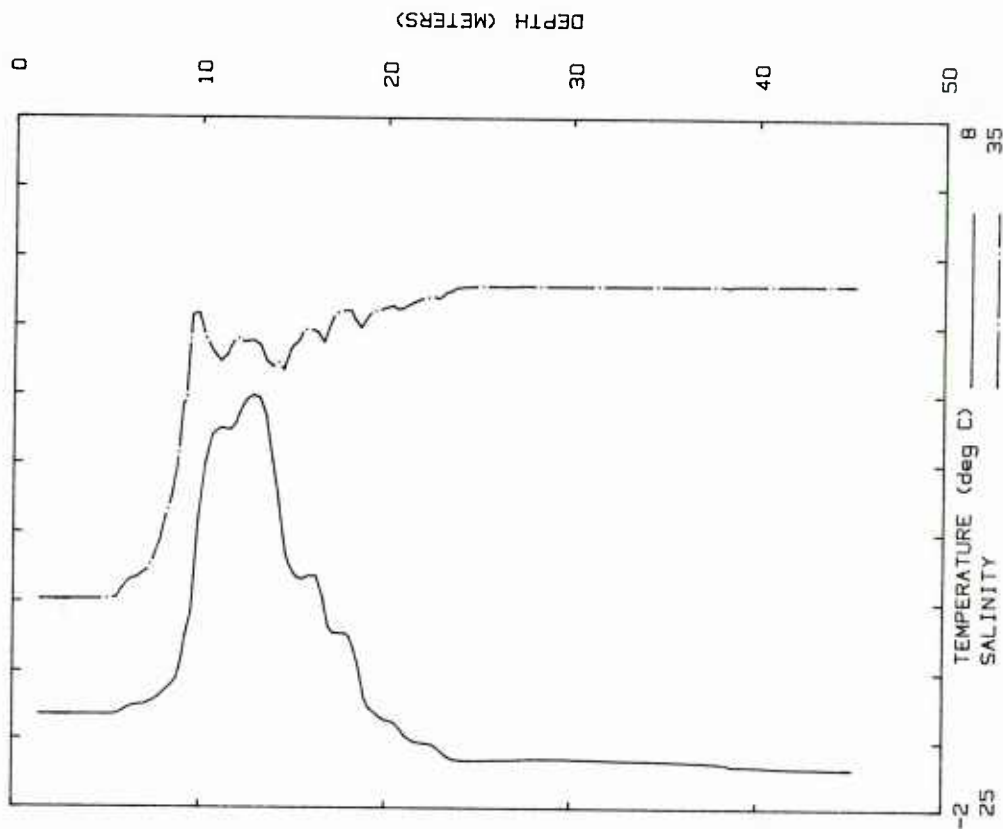
CAST# 124 DOWN  
 DATE: 05/08/13  
 TIME: 06:30.17  
 LAT: 71 11.6 N  
 LON: 160 40.1 W

# MIZPAC 85 TS CURVE



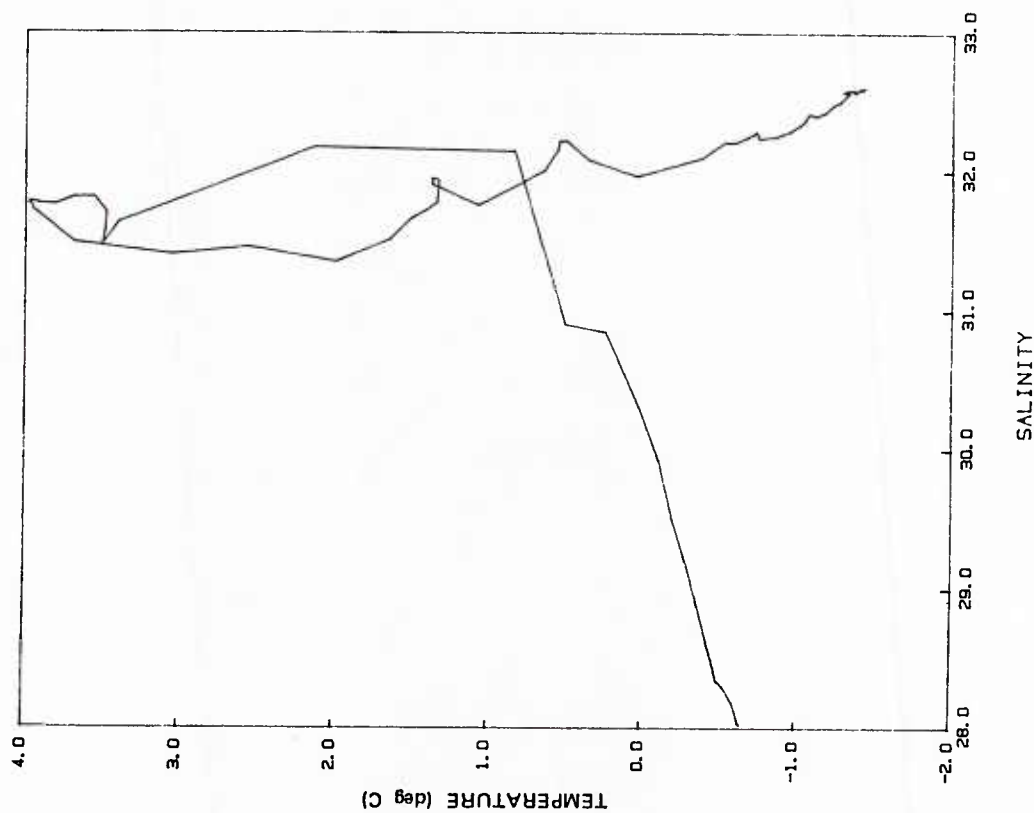
CAST # 125 DOWN  
 LAT 71 16.7 N  
 LON 160 42.8 W  
 DATE 08-13-1985  
 TIME 07:13.02  
 SENSOR NETL BROWN  
 MODEL NO. 111  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



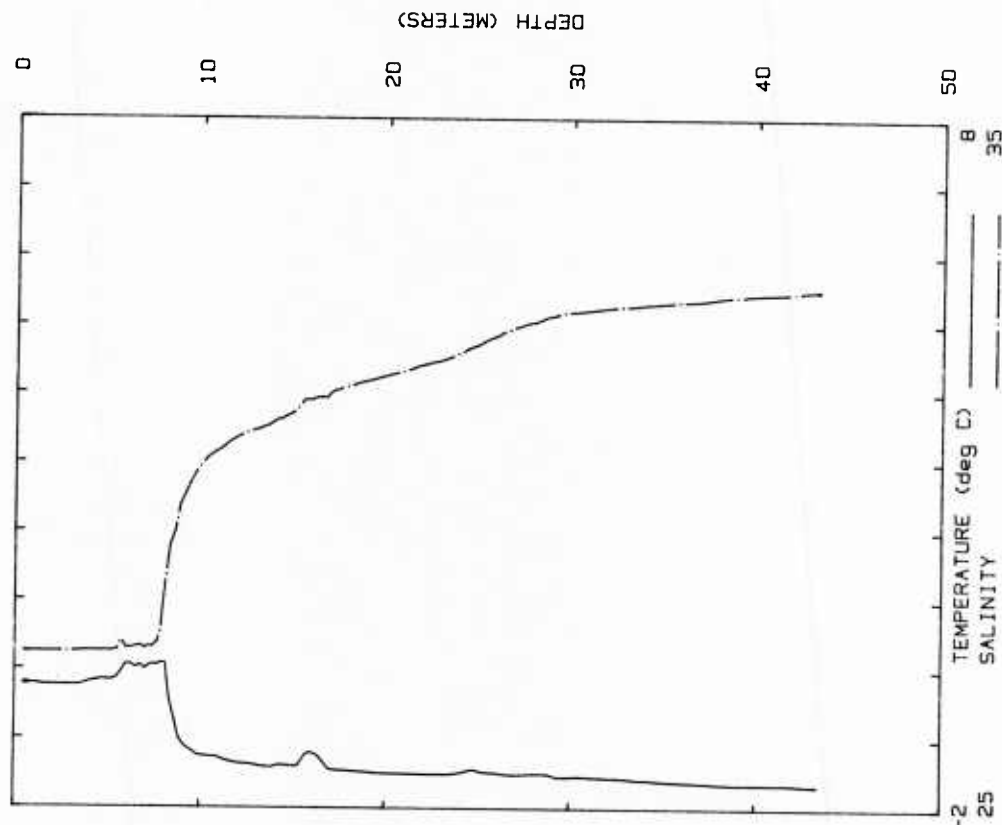
CAST# 125 DOWN  
 DATE: 85/09/13  
 TIME: 07:13:02  
 LAT: 71 16.7 N  
 LON: 160 42.8 W

# MIZPAC 85 TS CURVE



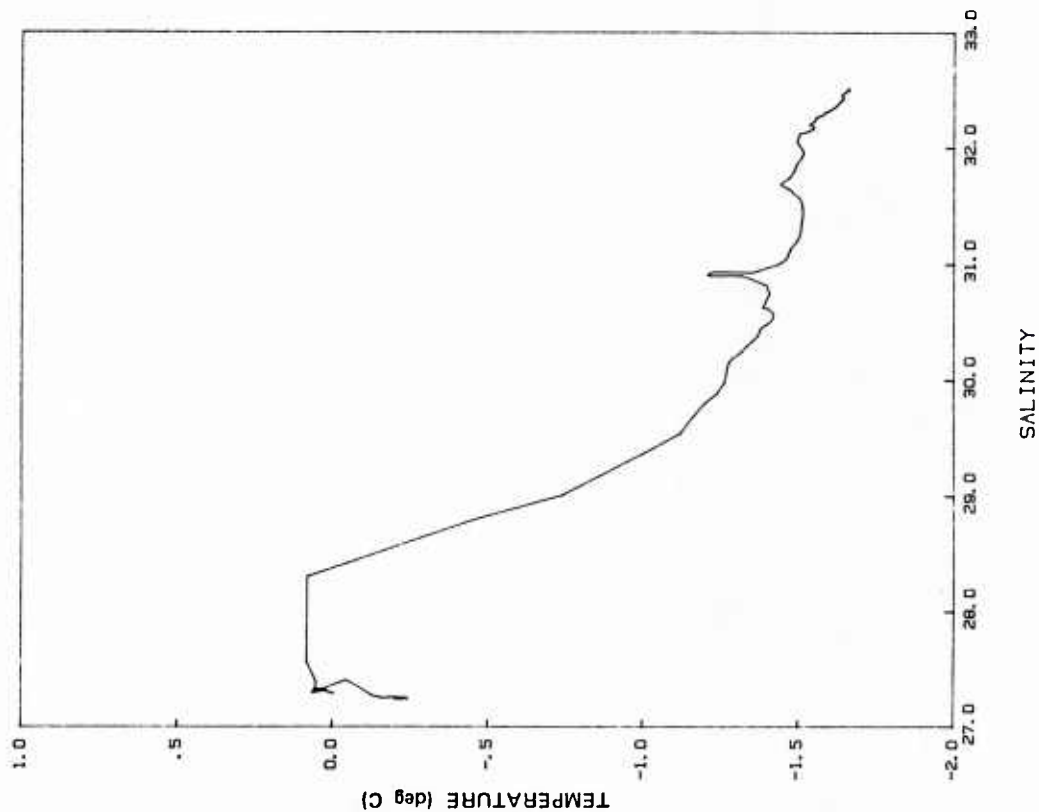
CAST # 126 DOWN  
 LAT 71 36.9 N  
 LON 159 07.3 W  
 DATE 09-13-1985  
 TIME 14:47:27  
 SENSOR NETL BROWN  
 MODEL MK. III  
 NUMBER DJ-2304-1

# MIZPAC 85 CTD PROFILE



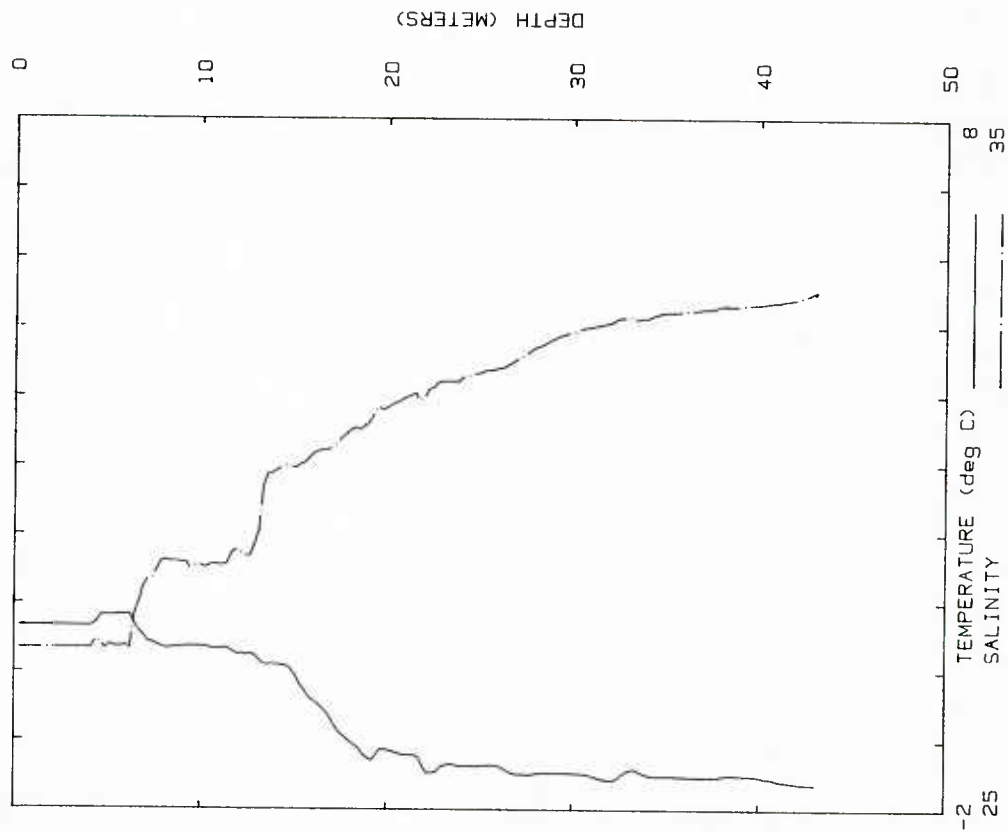
CAST# 126 DOWN  
 DATE: 85/08/13  
 TIME: 14:47.27  
 LAT: 71 36.9 N  
 LON: 159 07.3 W

# MIZPAC 85 TS CURVE



CAST # 127 DOWN  
 LAT 71 31.5 N  
 LON 159 02.2 W  
 DATE 09-13-1985  
 TIME 15:54:55  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2304-1

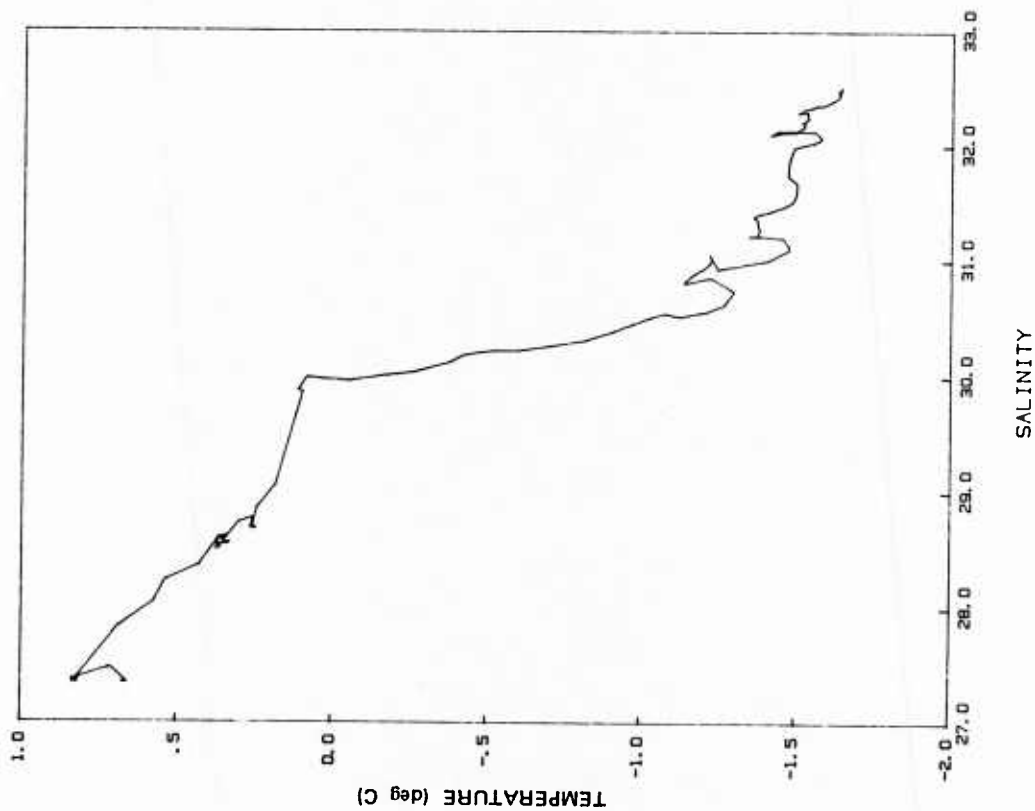
# MIZPAC 85 CTD PROFILE





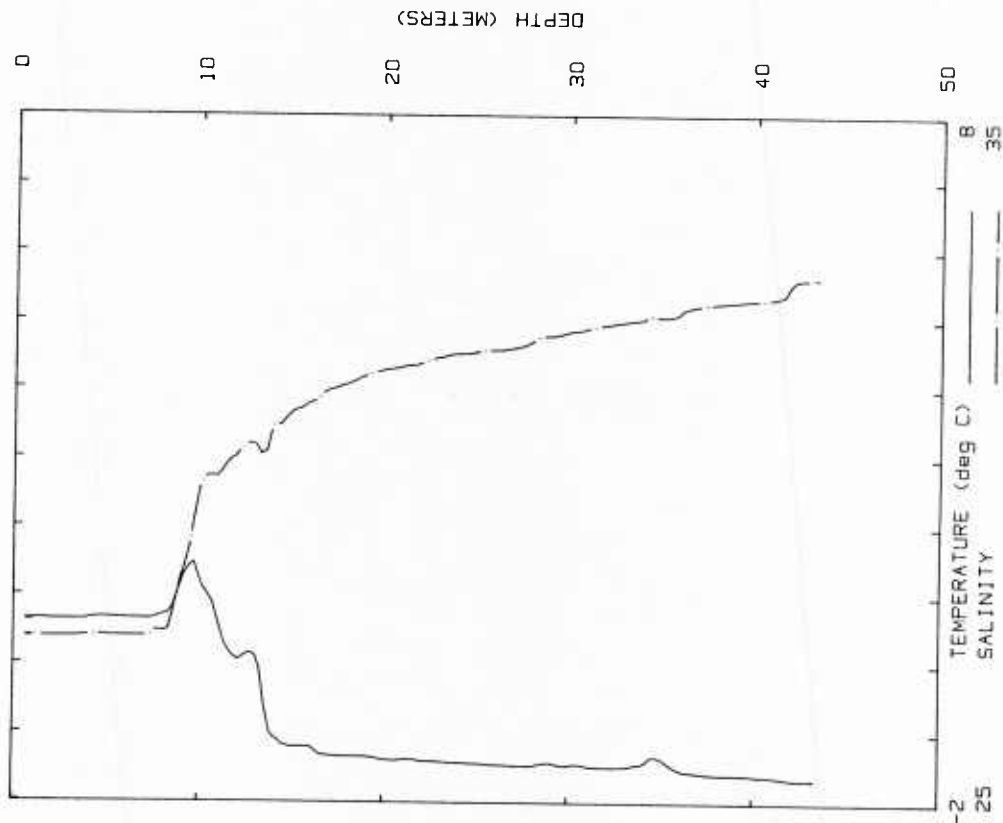
CASE# 127 DOWN  
 DATE, 05/09/13  
 TIME, 15:54:55  
 LAT, 71.31.5 N  
 LON, 159.02.2 W

# MIZPAC 85 TS CURVE



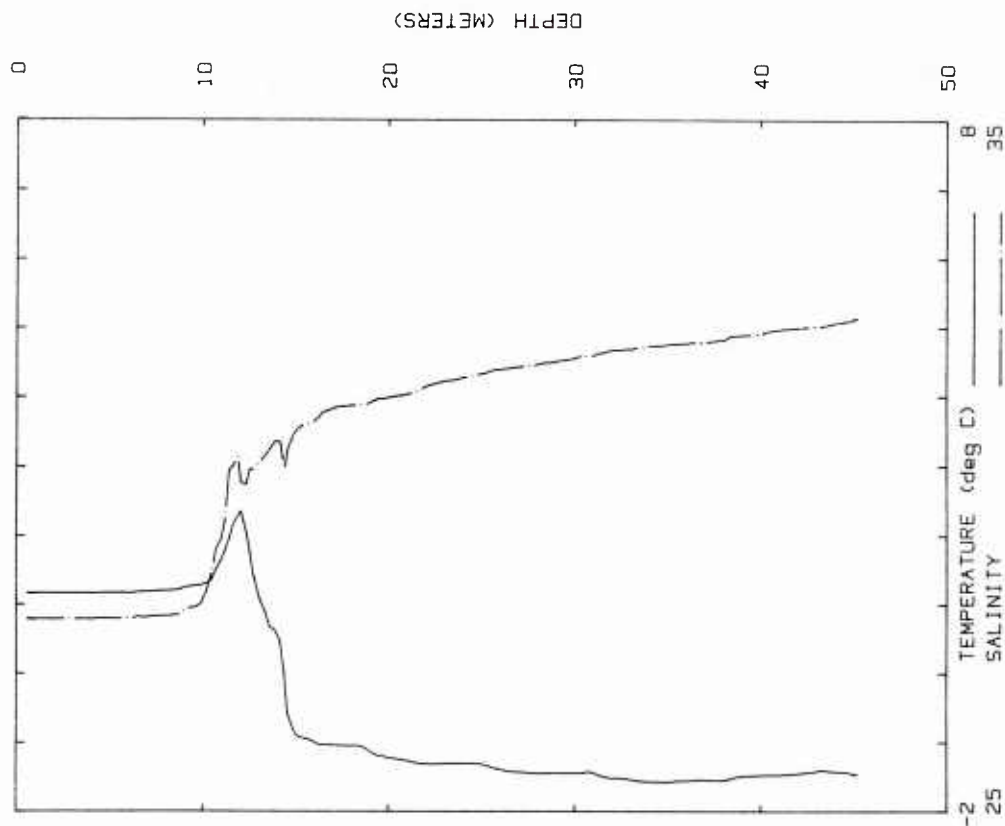
CASE # 128 DOWN  
 LAT 71.28.1 N  
 LON 159.59.5 W  
 DATE 09-13-1985  
 TIME 16:46:43  
 SENSOR NEIL BROWN  
 MODEL MK 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



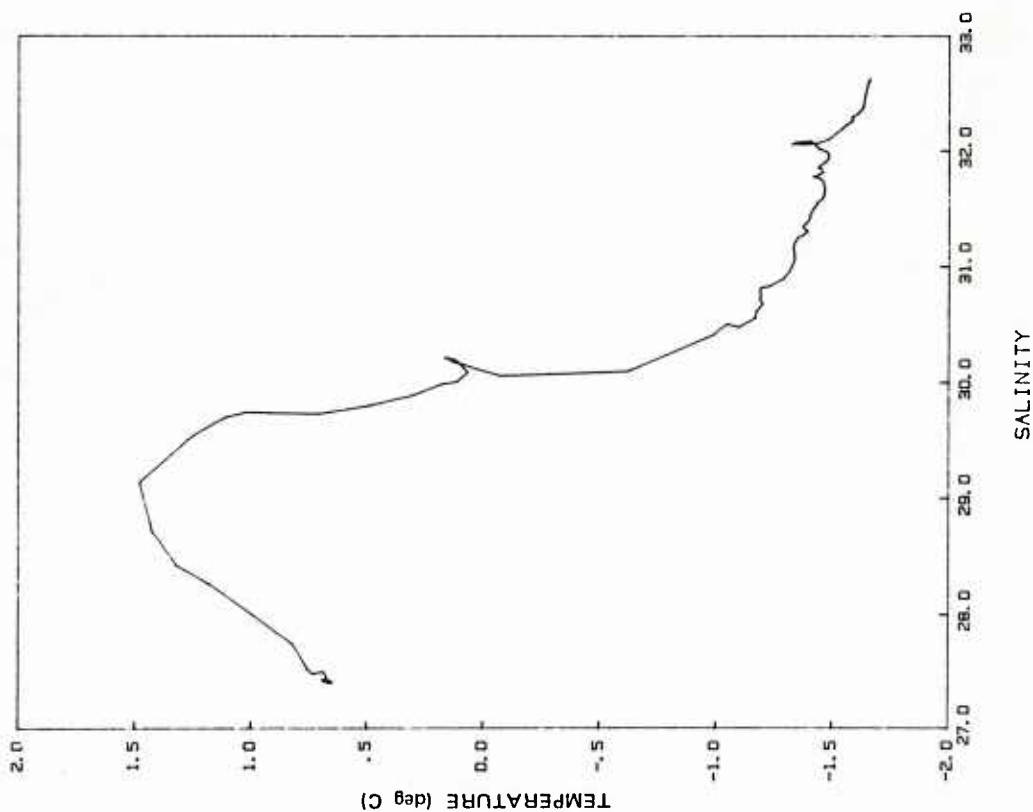
CAST # 129 DOWN  
 LAT 71 25.1 N  
 LON 158 56.2 W  
 DATE 09-13-1985  
 TIME 17:23:07  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



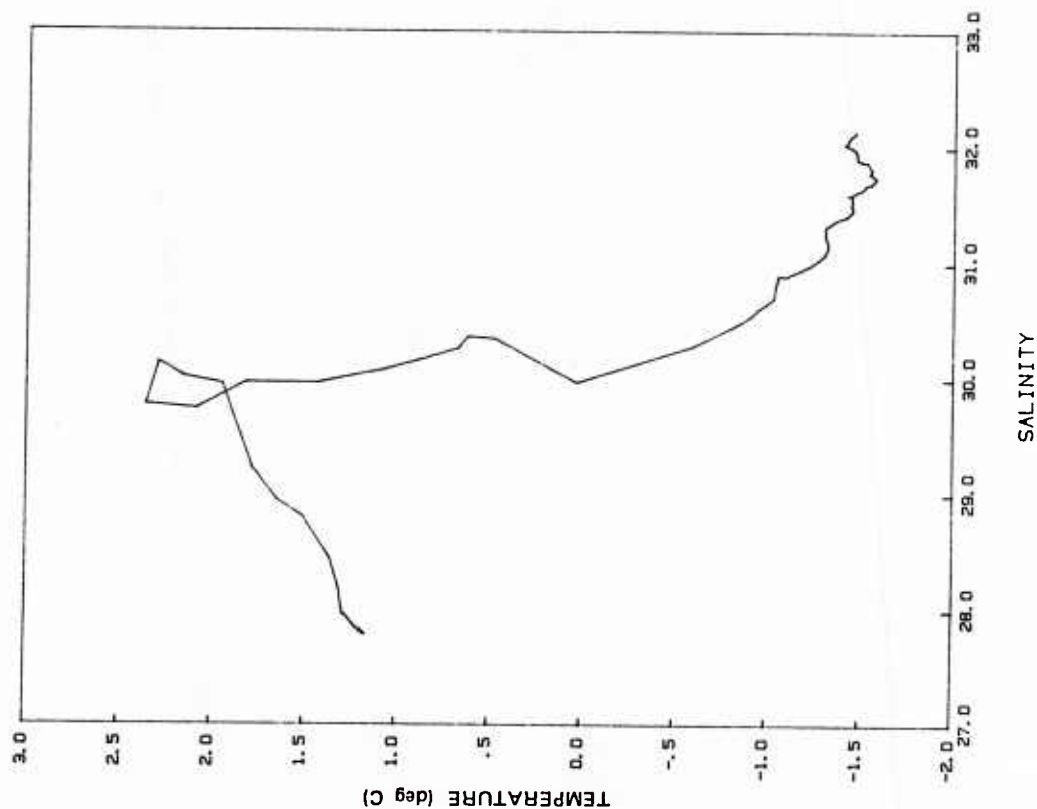
CAST# 128 DOWN  
 DATE: 85/09/13  
 TIME: 16:46:43  
 LAT: 71 28.1 N  
 LON: 158 59.5 W

# MIZPAC 85 TS CURVE



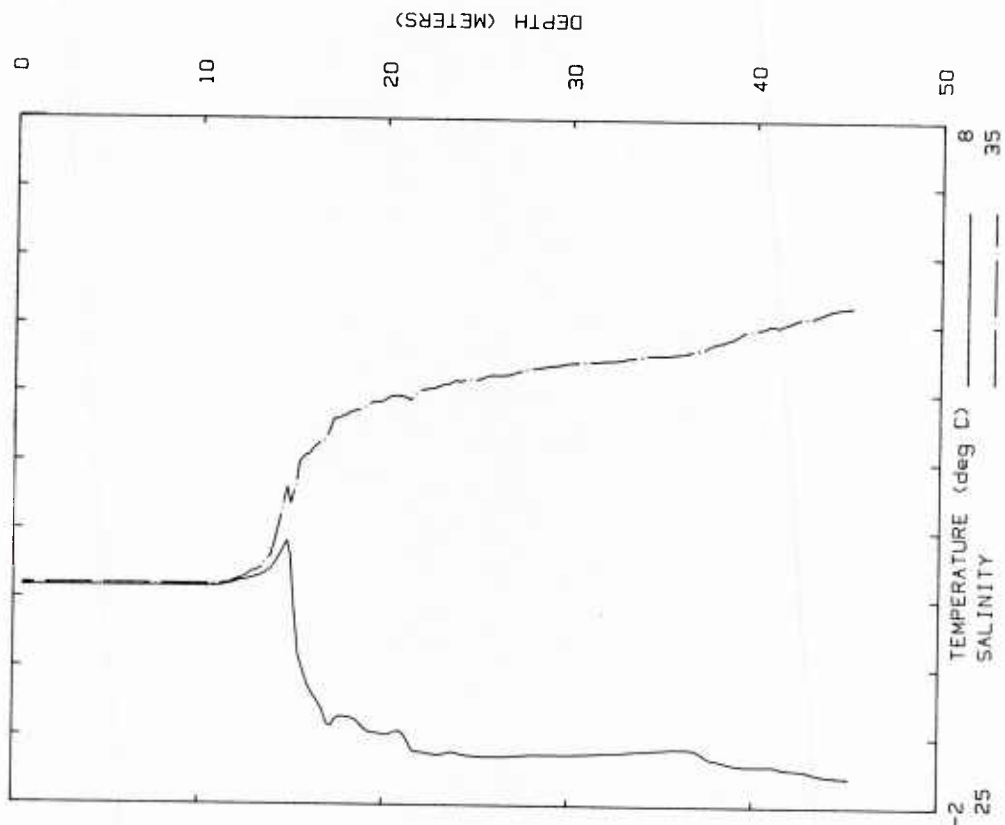
CAST # 129 DOWN  
 DATE: 85/08/13  
 TIME: 17:23:07  
 LAT: 71 25.1 N  
 LON: 158 56.2 W

# MIZPAC 85 TS CURVE



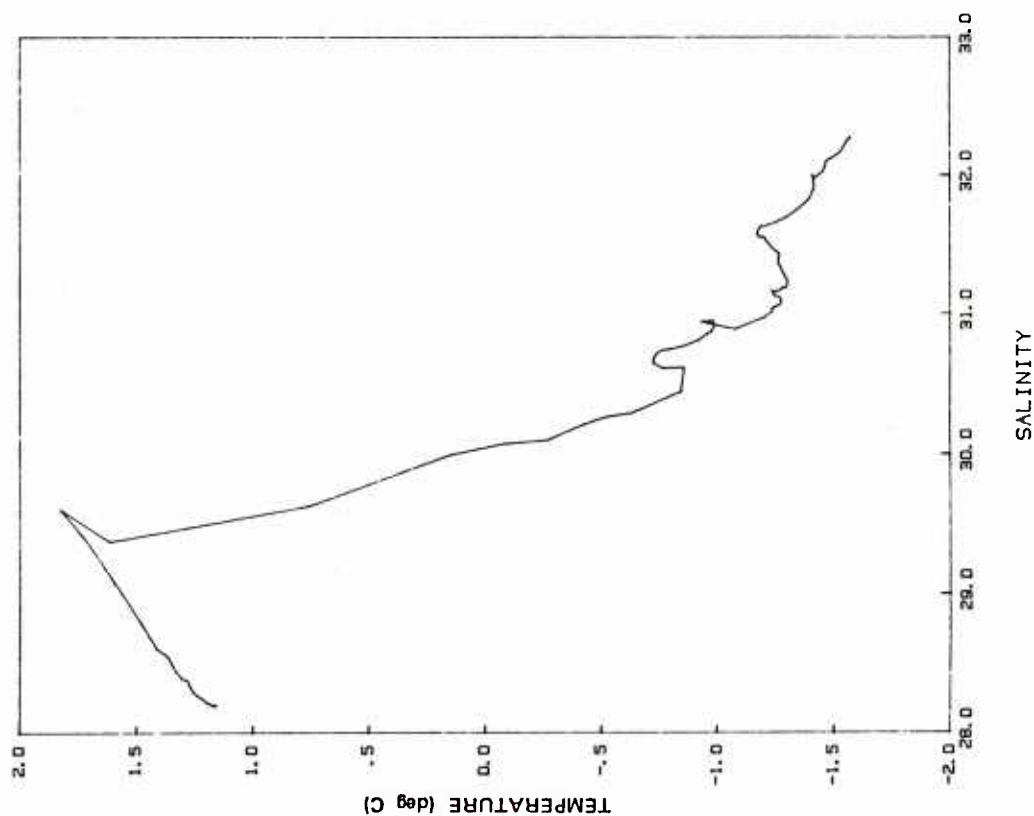
CAST # 130 DOWN  
 LAT 71 22.3 N  
 LON 158 52.9 W  
 DATE 09-13-1985  
 TIME 18:03:19  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER DJ-2904-1

# MIZPAC 85 CTD PROFILE



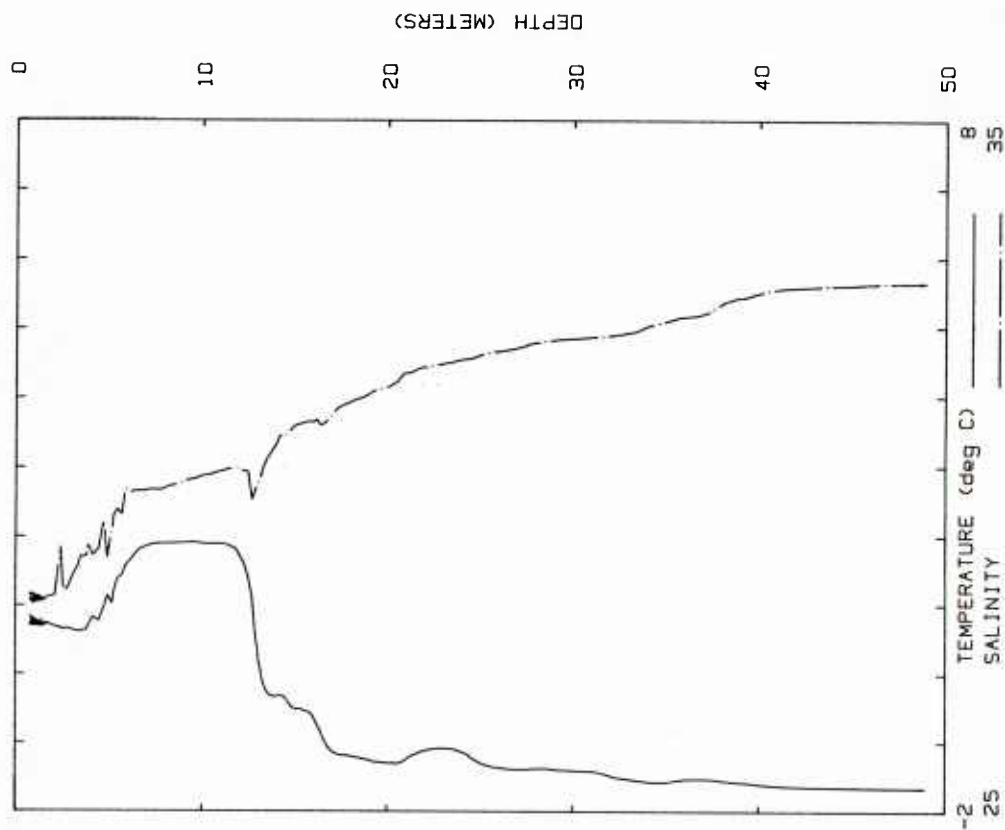
CAST# 130 DOWN  
 DATE: 85/09/13  
 TIME: 18:03:19  
 LAT: 71 22.3 N  
 LON: 158 52.9 W

# MIZPAC 85 TS CURVE



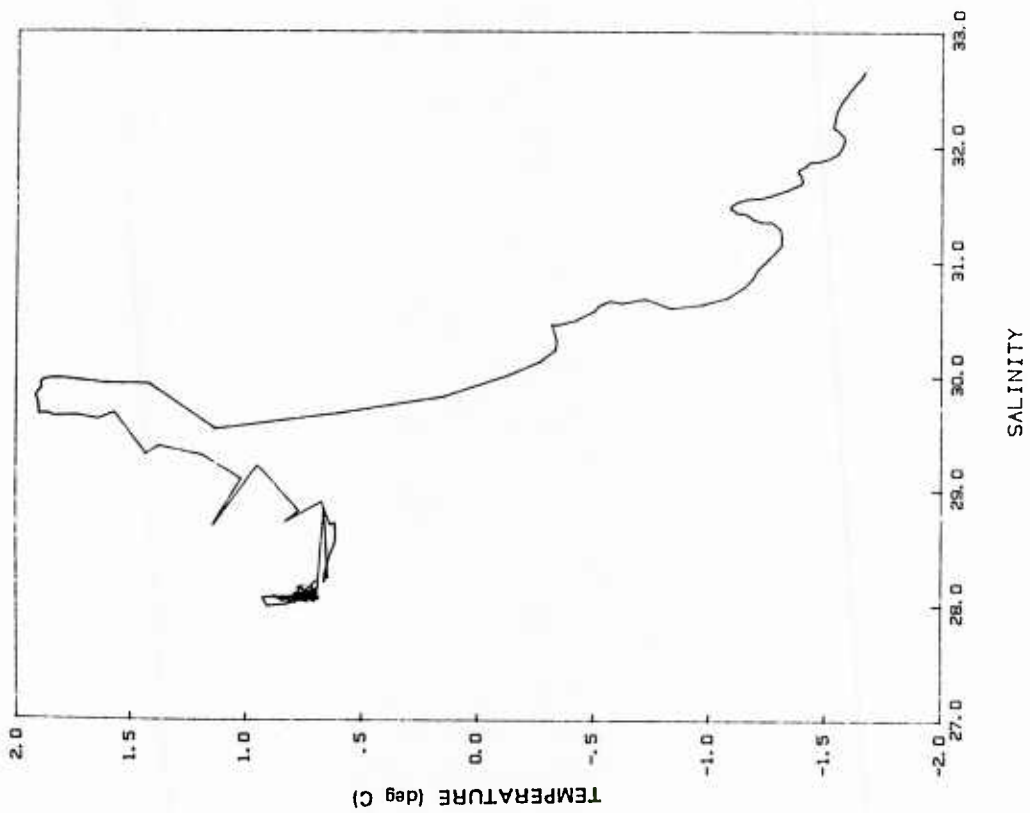
CAST # 131 DOWN  
 LAT 71 19.5 N  
 LON 158 50.3 W  
 DATE 09-13-1985  
 TIME 18:37:55  
 SENSOR NEIL BROWN  
 MODEL MK III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



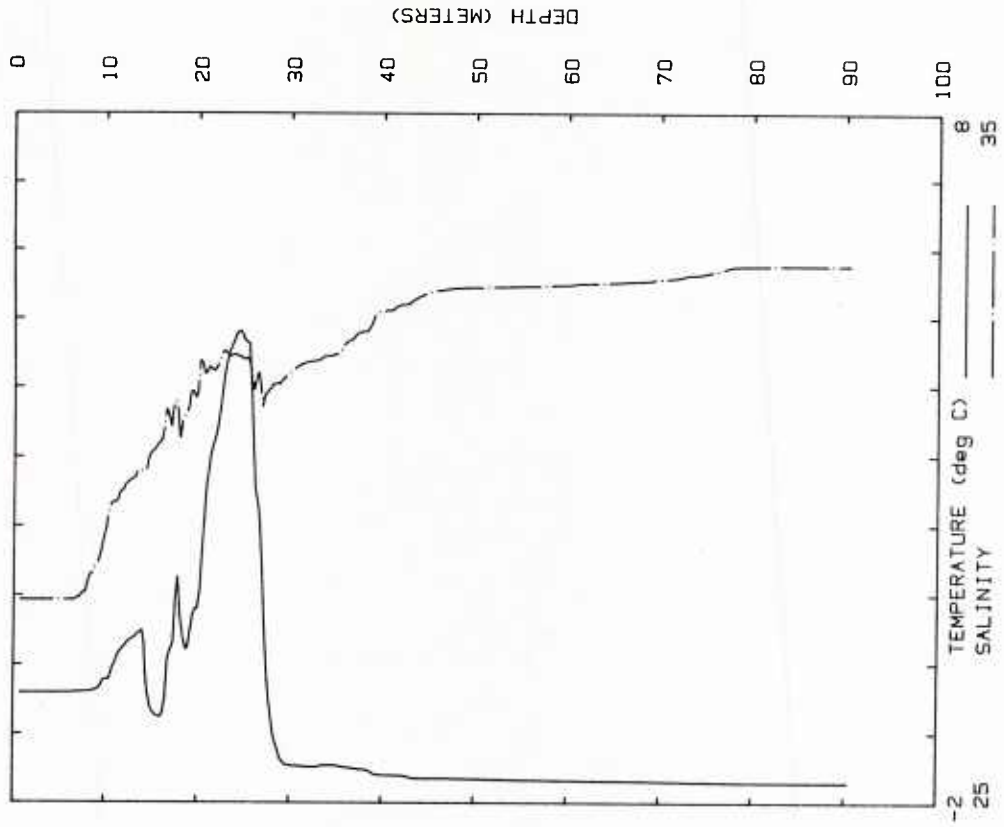
CAST# 131 DOWN  
 DATE: 05/09/13  
 TIME: 18:37:55  
 LAT: 71 18.5 N  
 LON: 158 50.3 W

# MIZPAC 85 TS CURVE



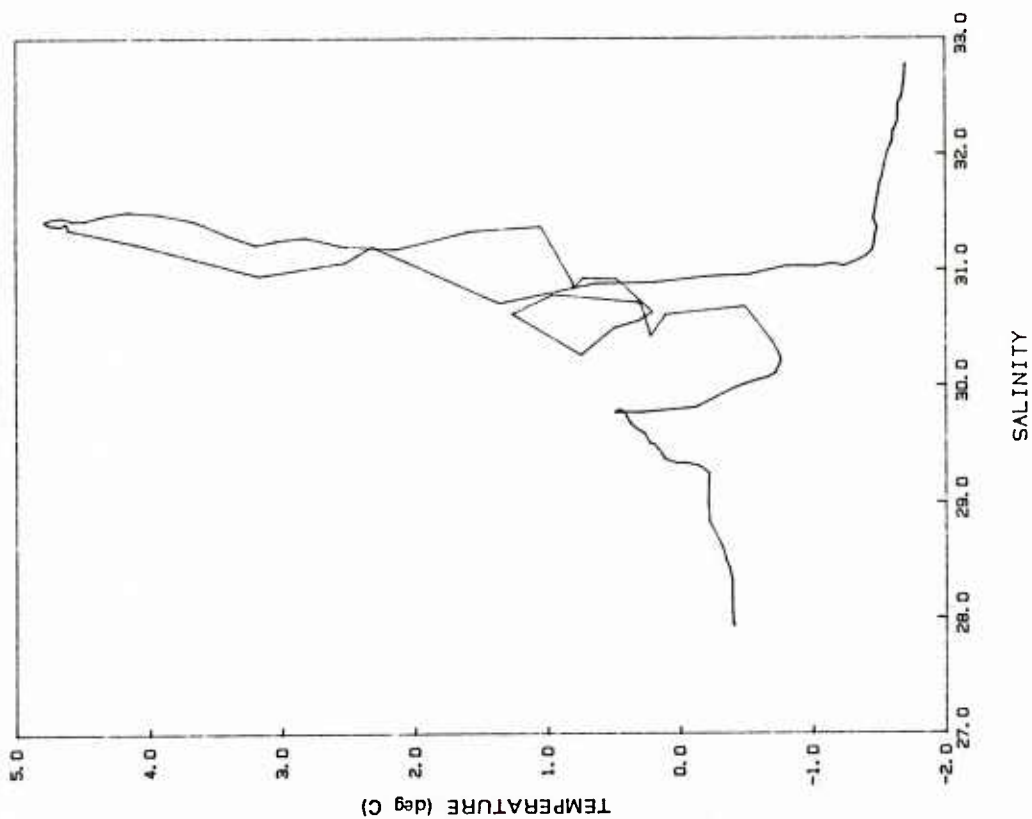
CAST # 132 DOWN  
 LAT 71 16.5 N  
 LON 158 45.2 W  
 DATE 09-13-1985  
 TIME 19:22:19  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



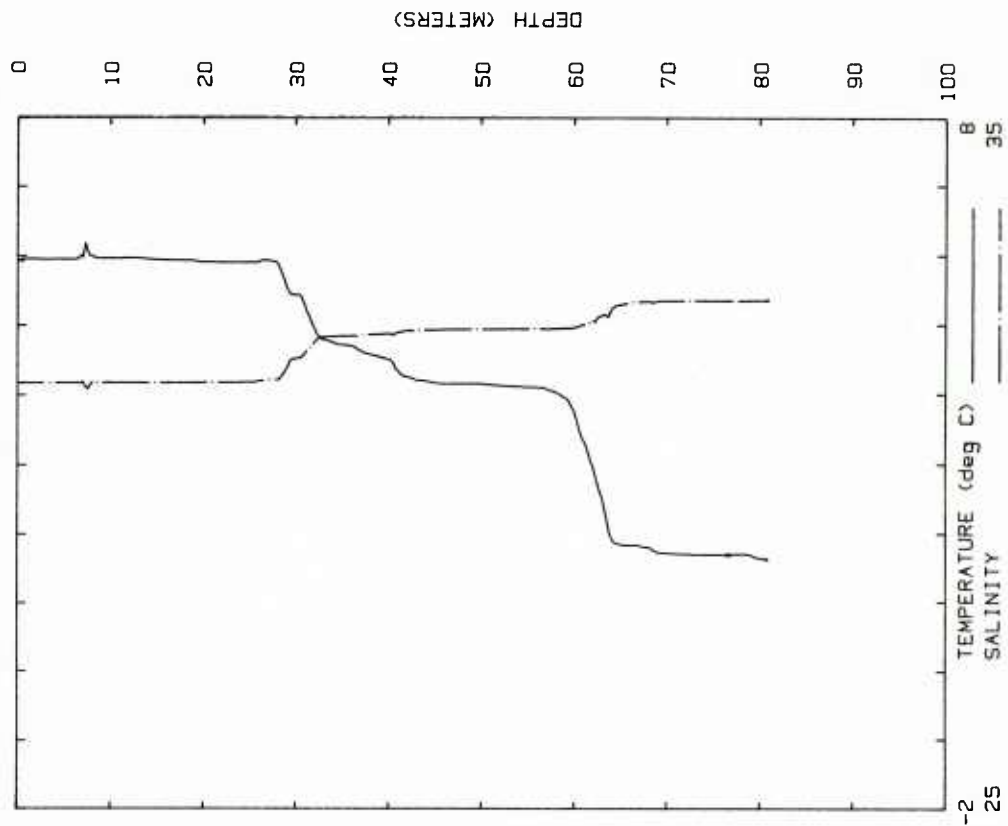
CAST # 132 DOWN  
DATE: 05/08/13  
TIME: 19:22:19  
LAT: 71 16.5 N  
LON: 158 45.2 W

### MIZPAC 85 TS CURVE



CAST # 133 DOWN  
LAT 71 13.7 N  
LON 158 43.8 W  
DATE 08-13-1985  
TIME 20:17:11  
SENSOR NEIL BROWN  
MODEL MK. 111  
NUMBER 01-2804-1

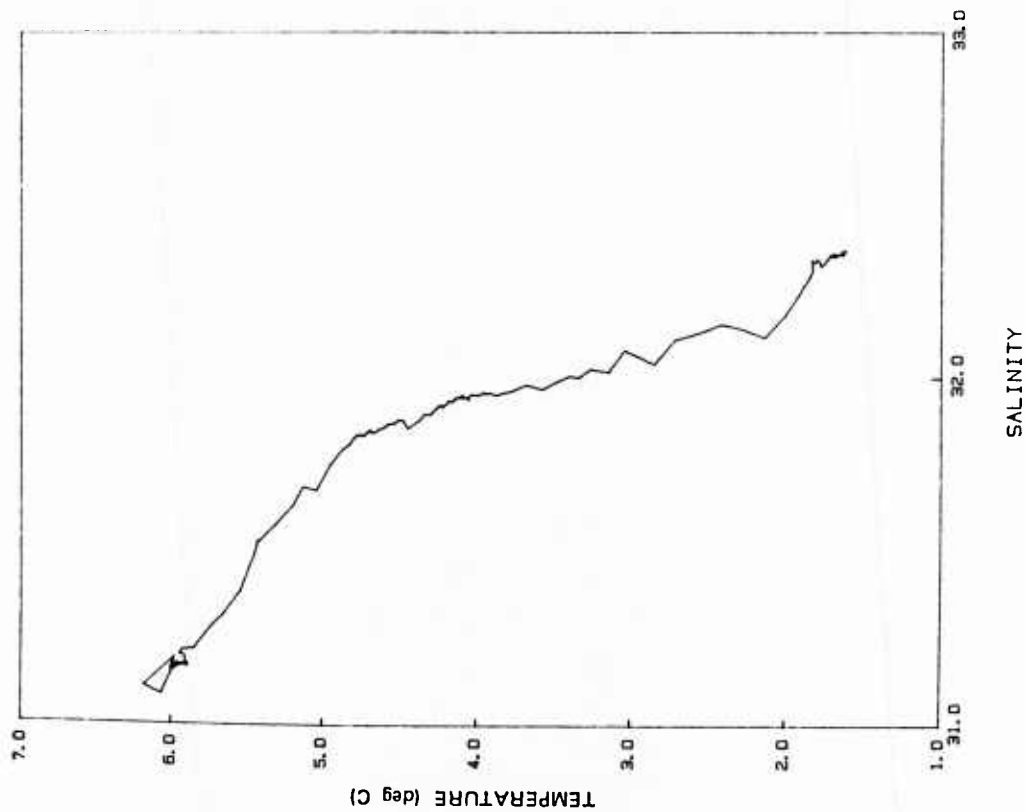
### MIZPAC 85 CTD PROFILE





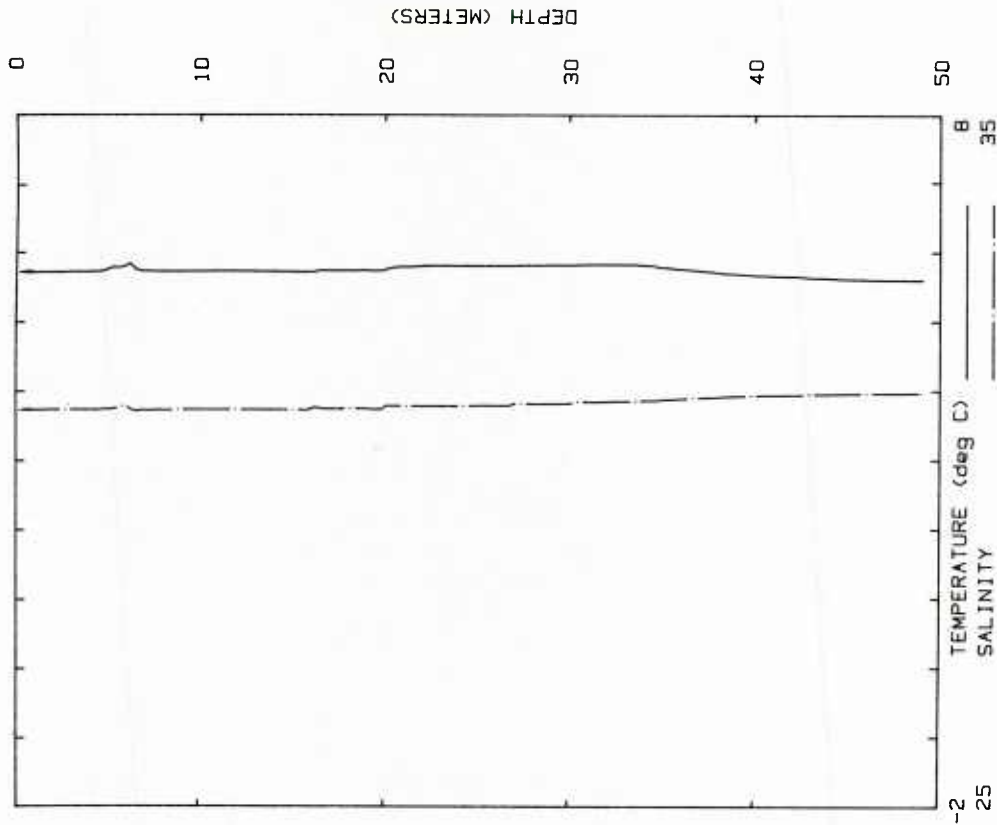
CAST# 133 DOWN  
 DATE: 85/08/13  
 TIME: 20:17:11  
 LAT: 71 13.7 N  
 LON: 158 43.8 W

# MIZPAC 85 TS CURVE



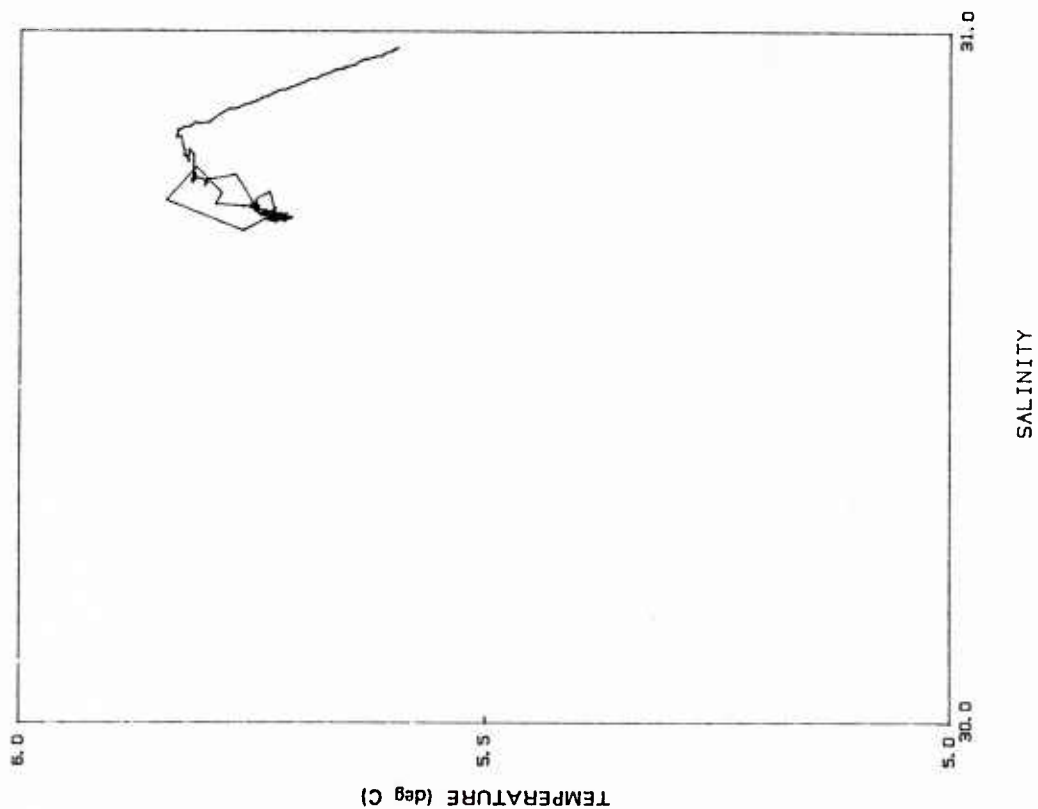
CAST # 134 DOWN  
 LAT 71 08.8 N  
 LON 158 38.2 W  
 DATE 09-13-1985  
 TIME 21:30:54  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



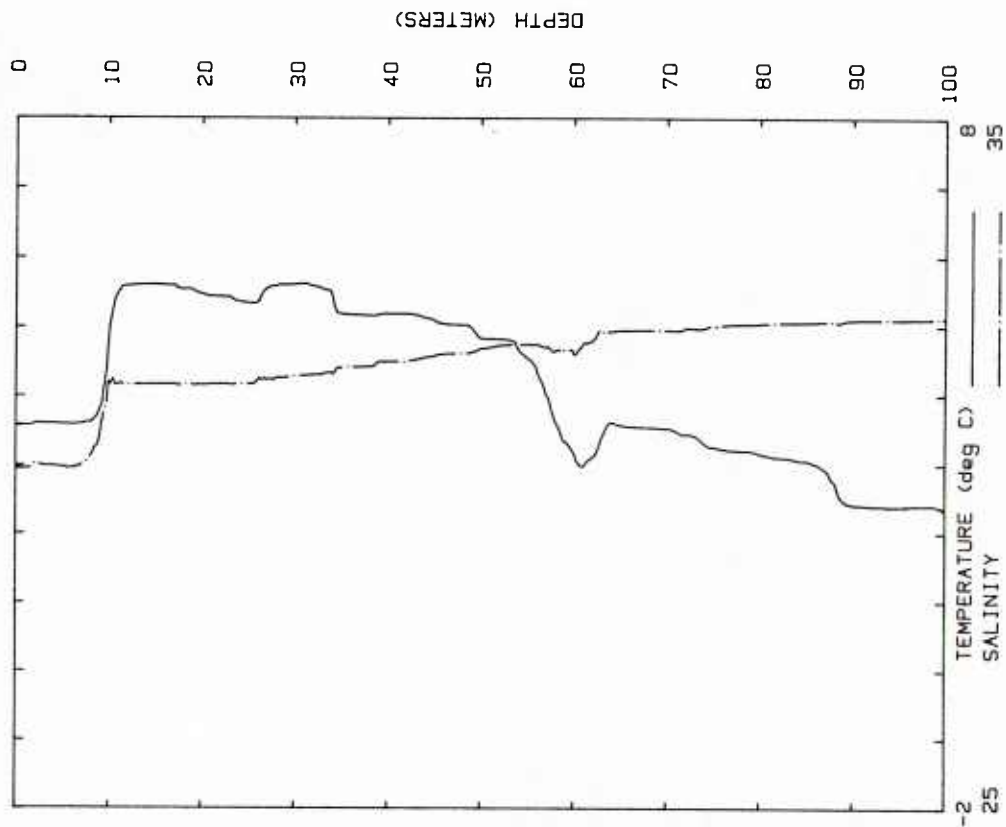
CAST# 134 DOWN  
DATE: 85/08/13  
TIME: 21:30:54  
LAT: 71 08.8 N  
LON: 158 38.2 W

### MIZPAC 85 TS CURVE



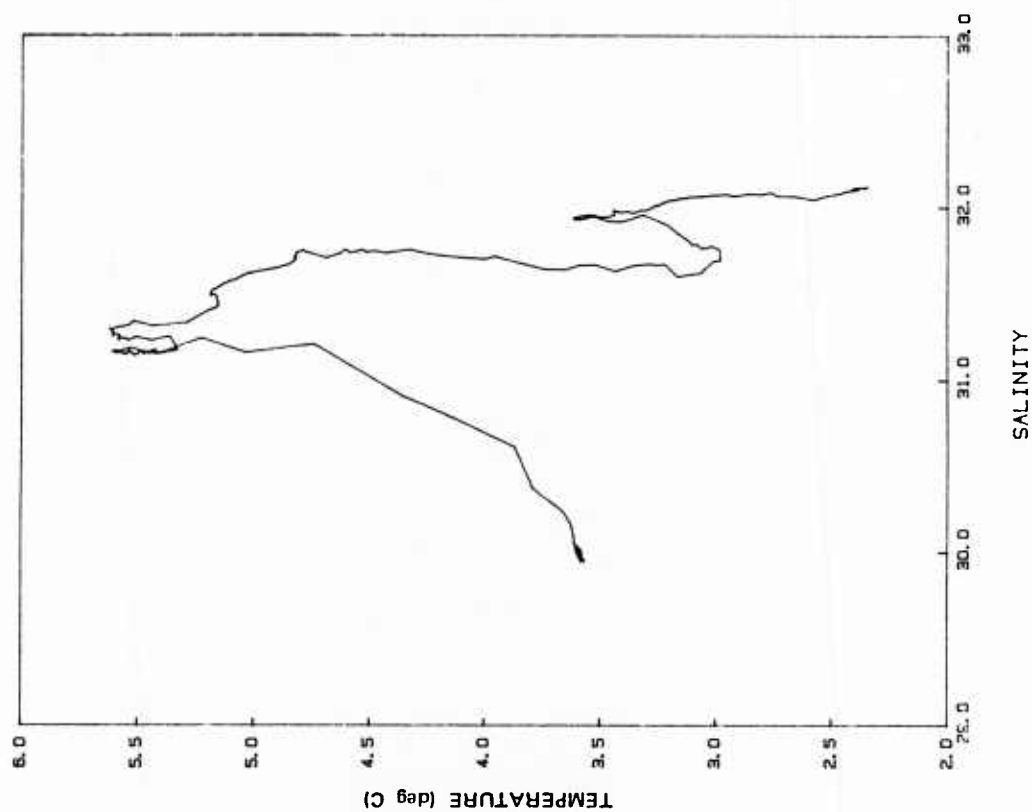
CAST # 135 DOWN  
LAT 71 26.0 N  
LON 156 49.0 W  
DATE 09-14-1985  
TIME 01:35:02  
SENSOR NEIL BROWN  
MODEL MK 111  
NUMBER 01-2904-1

### MIZPAC 85 CTD PROFILE



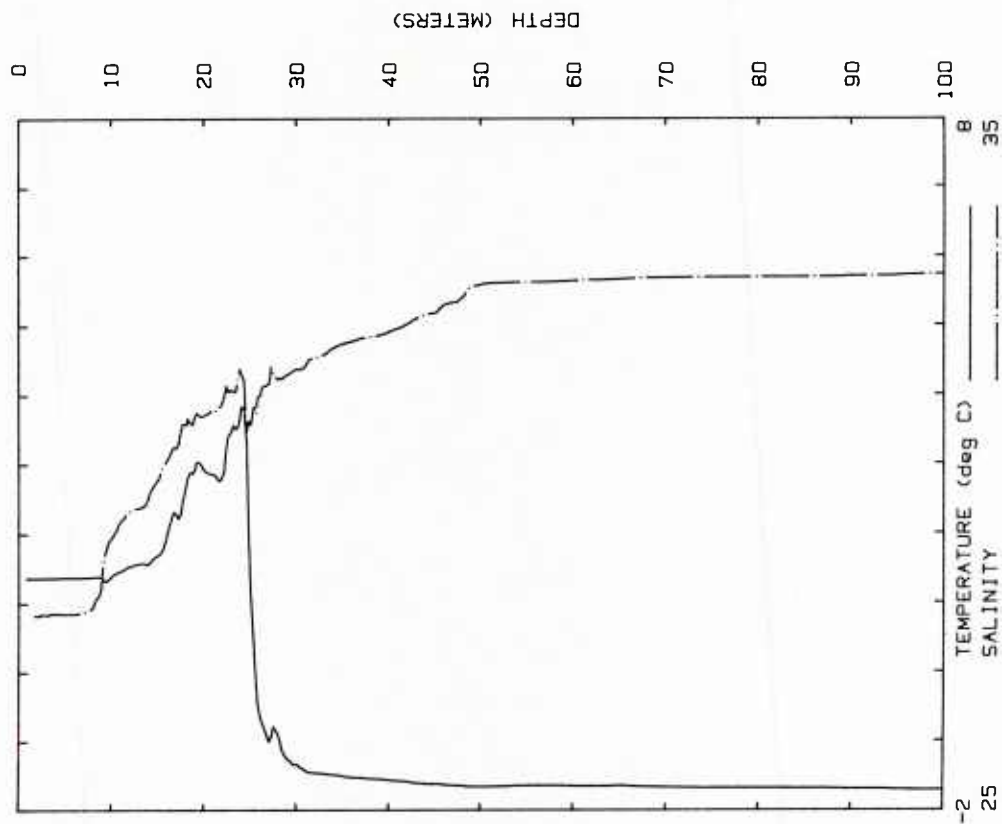
LAT: 71 26.0 N  
LON: 156 49.0 W

# MIZPAC 85 TS CURVE



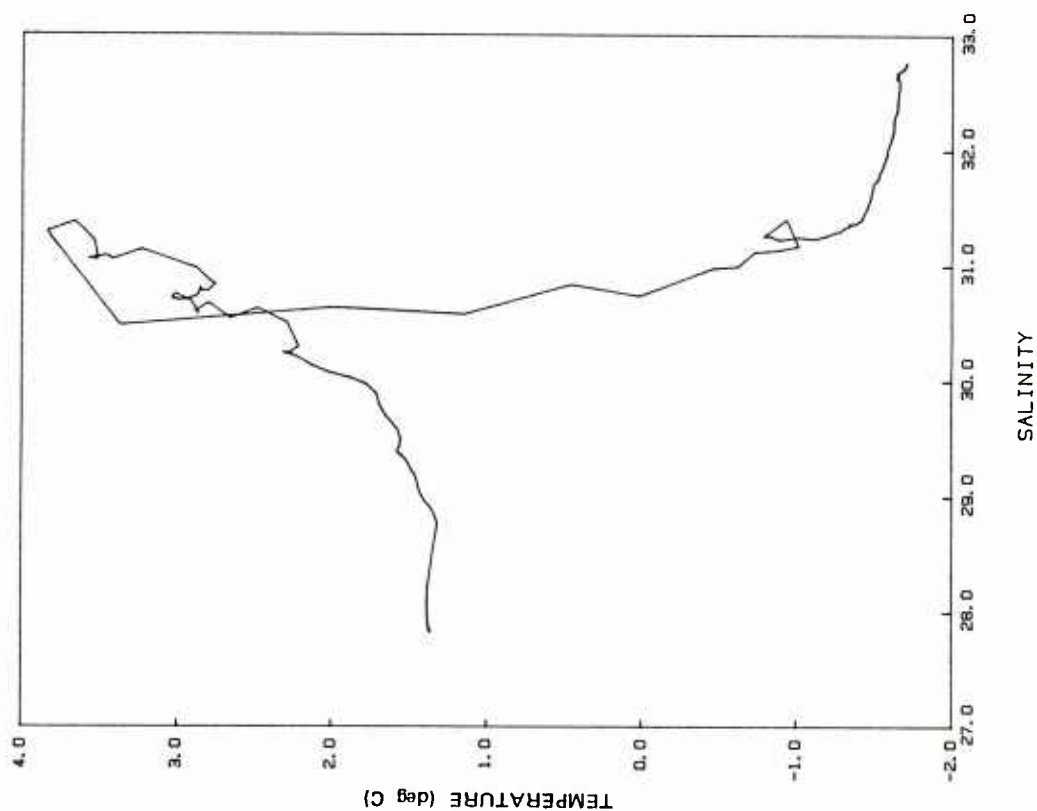
# MIZPAC 85 CTD PROFILE

TIME 02138.10  
SENSOR NETL BROWN  
MODEL MK. 111  
NUMBER 01-2904-1



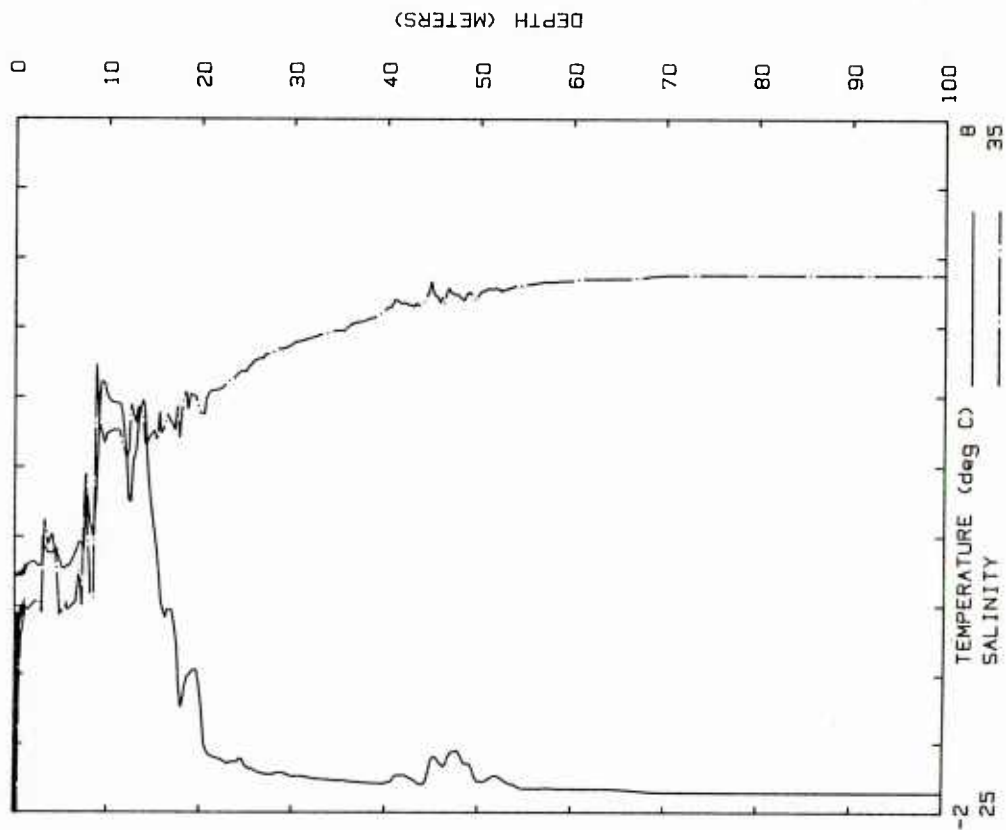
CAS# 136 DOWN  
 DATE: 85/09/14  
 TIME: 02:38:10  
 LAT: 71 31.6 N  
 LON: 156 55.1 W

# MIZPAC 85 TS CURVE



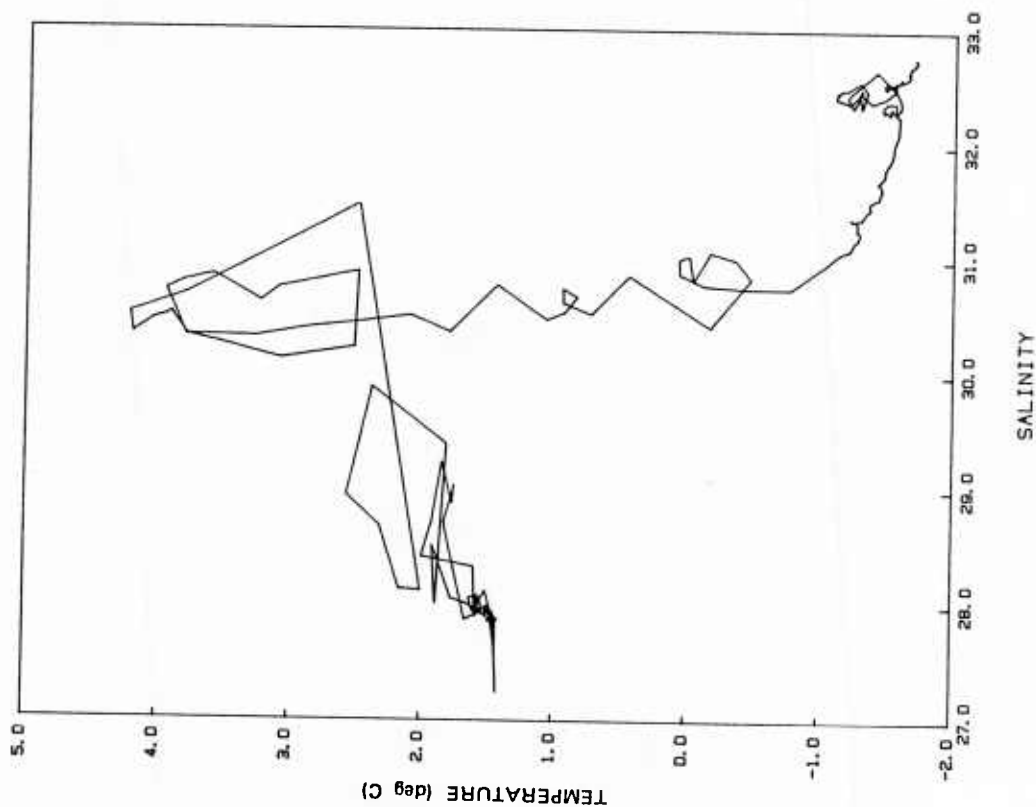
CAS# 137 DOWN  
 LAT: 71 34.3 N  
 LON: 156 57.7 W  
 DATE: 85-14-1985  
 TIME: 03:39:19  
 SENSOR: NEIL BROWN  
 MODEL: MK 111  
 NUMBER: 01-2904-1

# MIZPAC 85 CTD PROFILE



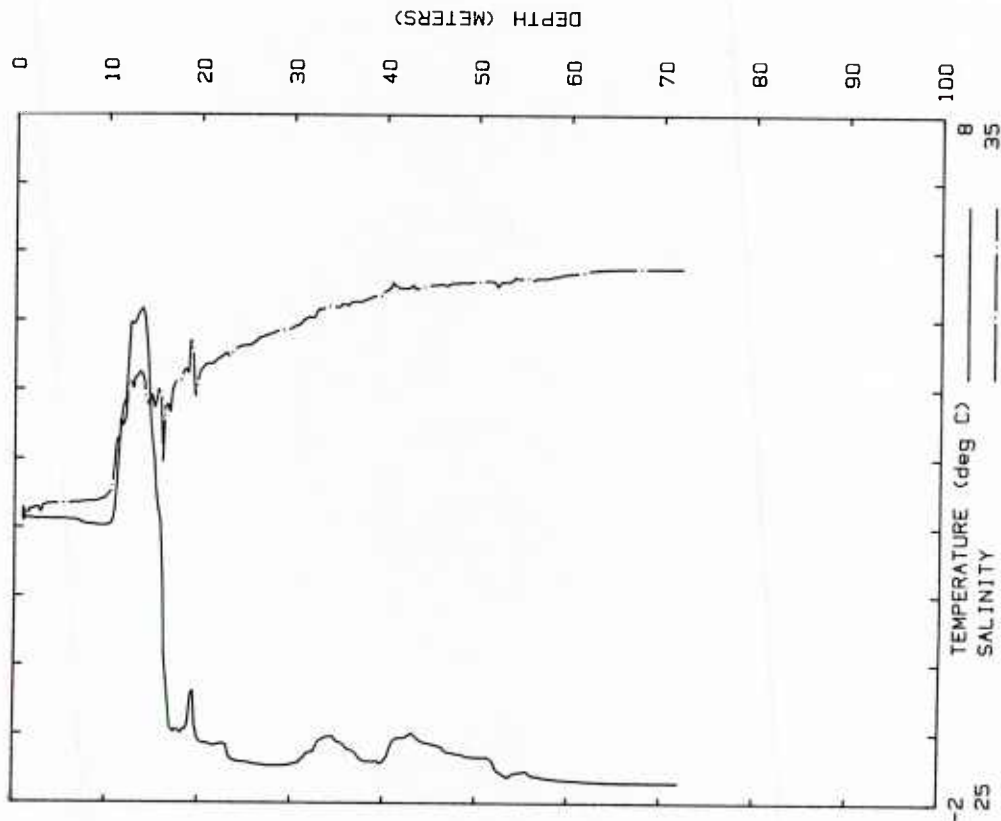
CAST# 137 DOWN  
 DATE: 85/08/14  
 TIME: 03:39.18  
 LAT: 71 34.3 N  
 LONG 156 57.7 W

# MIZPAC 85 TS CURVE



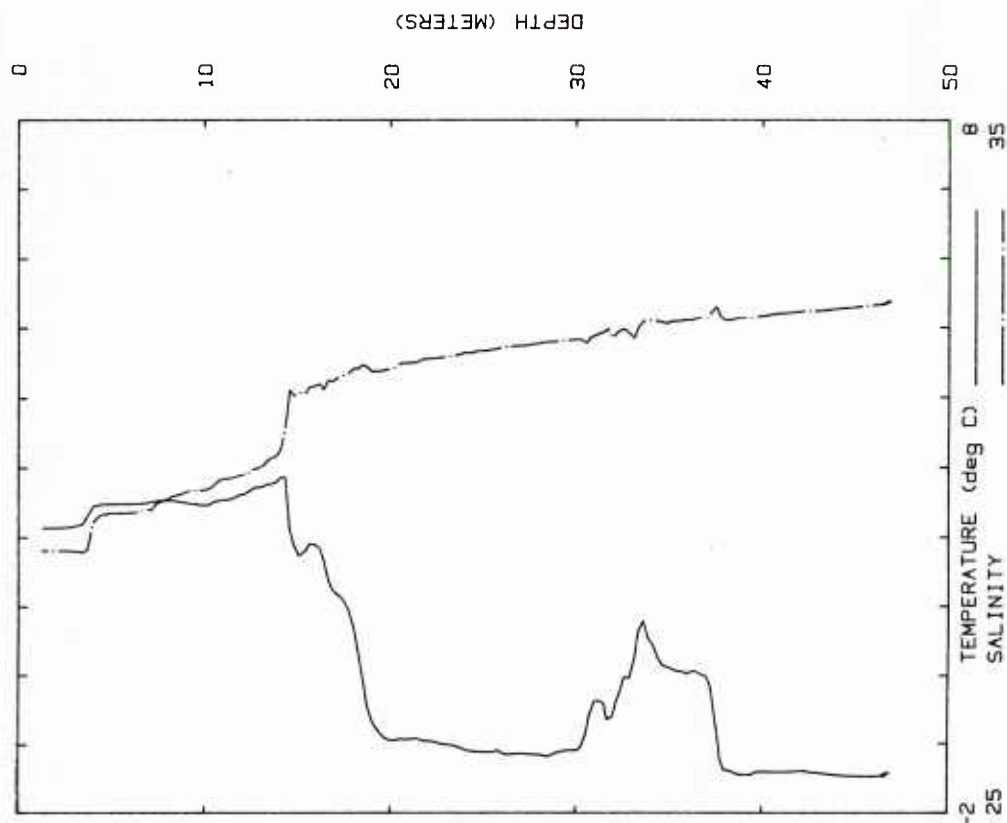
CAST # 138 DOWN  
 LAT 71 37.1 N  
 LONG 157 01.7  
 DATE 08-14-1985  
 TIME 04:26:04  
 SENSOR NEIL BROWN  
 MODEL NO. 111  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



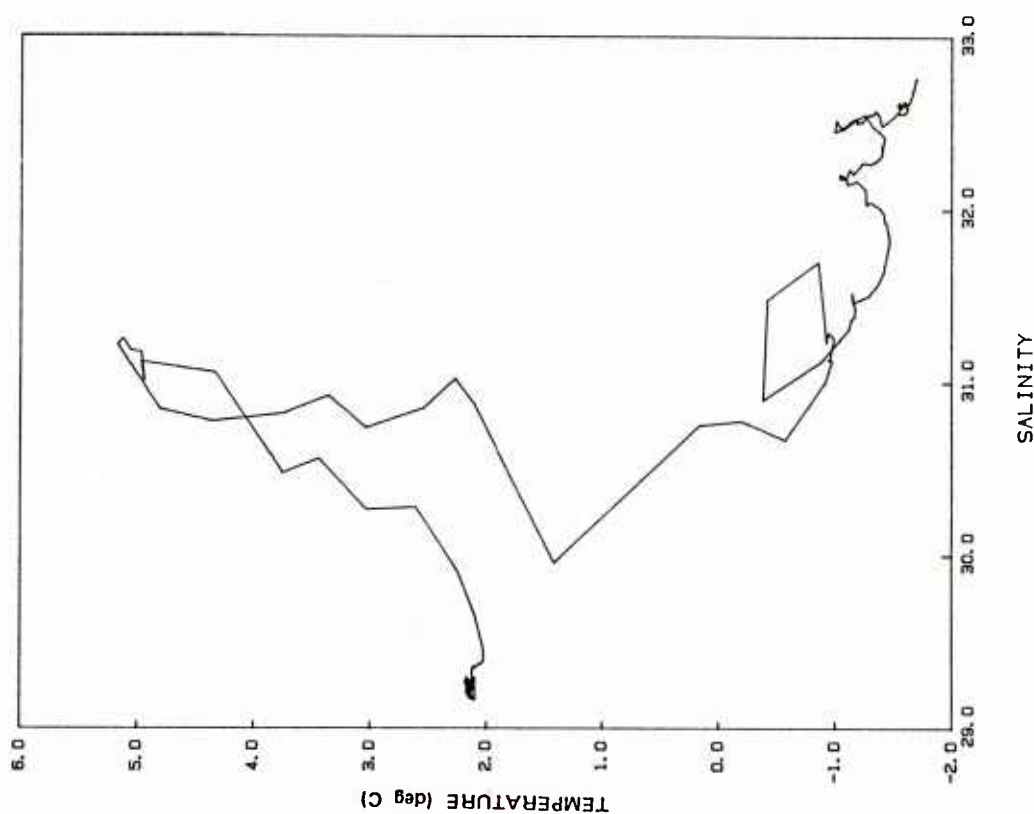
CAST # 139 DOWN  
 LAT 71 39.9 N  
 LON 157 04.6 W  
 DATE 08-14-1985  
 TIME 05:04:21  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2504-1

# MIZPAC 85 CTD PROFILE



CAST# 138 DOWN  
 DATE: 85/08/14  
 TIME: 04:26:04  
 LAT: 71 37.1 N  
 LON: 157 01.7

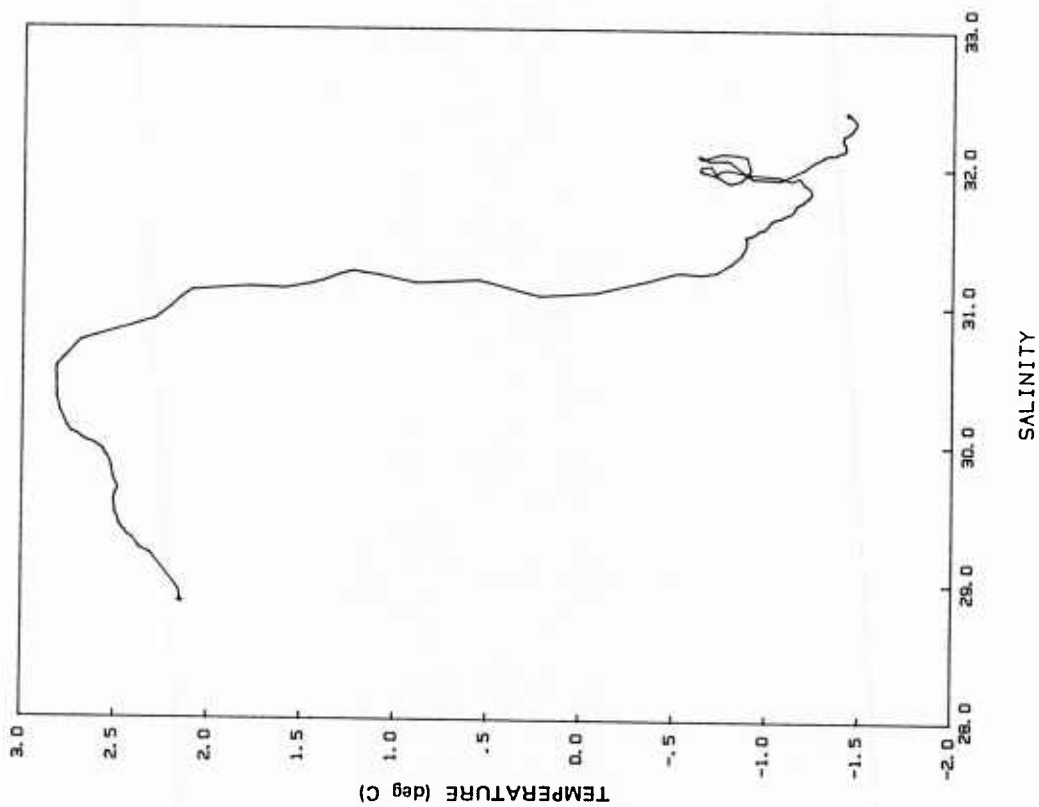
# MIZPAC 85 TS CURVE





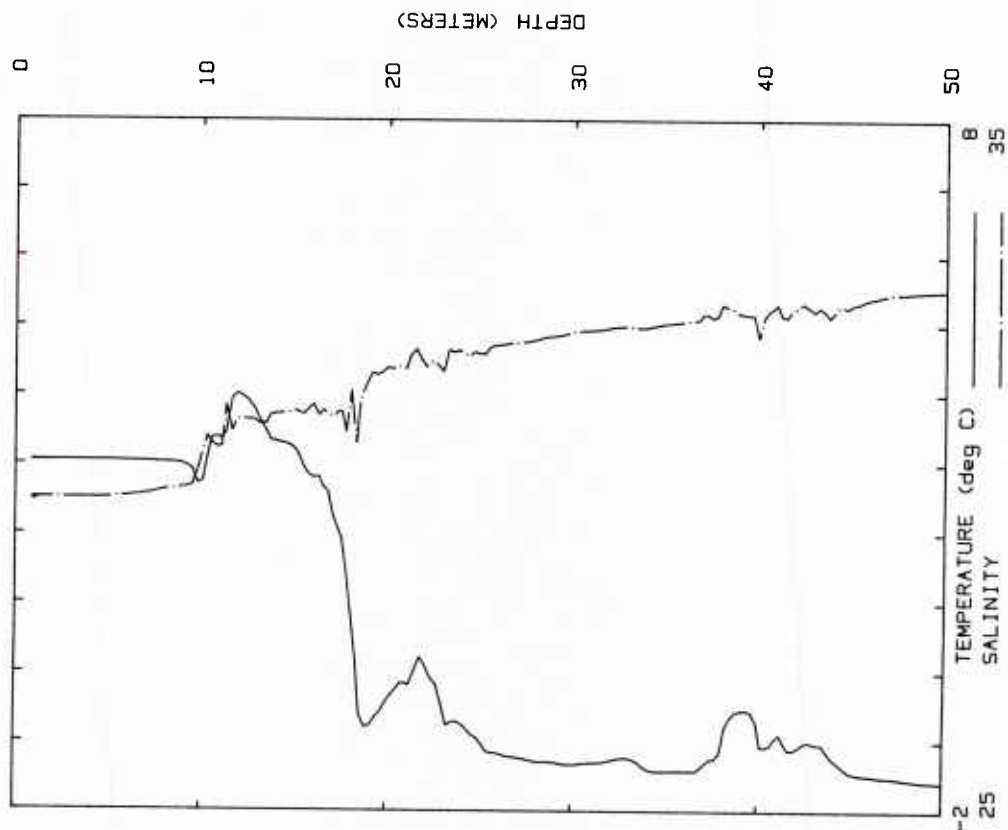
CAST# 139 DOWN  
 DATE: 85/09/14  
 TIME: 05:04:21  
 LAT: 71 38.9 N  
 LON: 157 04.6 W

# MIZPAC 85 TS CURVE



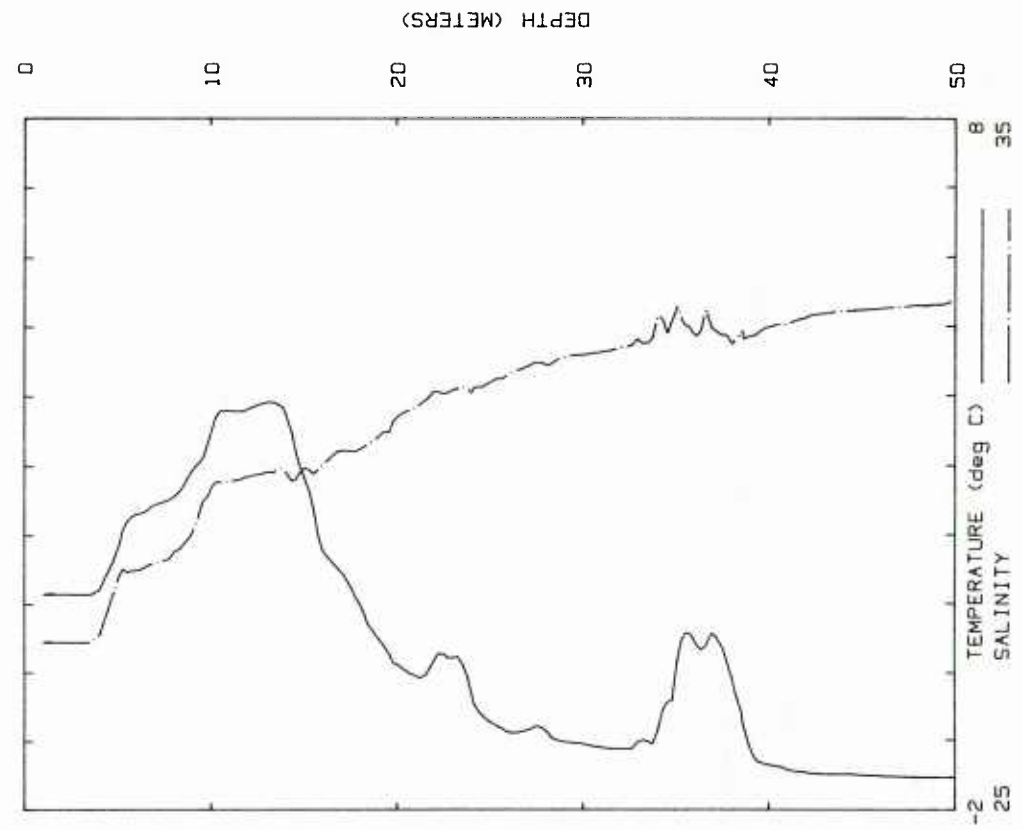
CAST # 140 DOWN  
 LAT 71 41.6 N  
 LON 157 09.2 W  
 DATE 09-14-1985  
 TIME 05:48:30  
 SENSOR NEIL BROWN  
 MODEL MK. 11J  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



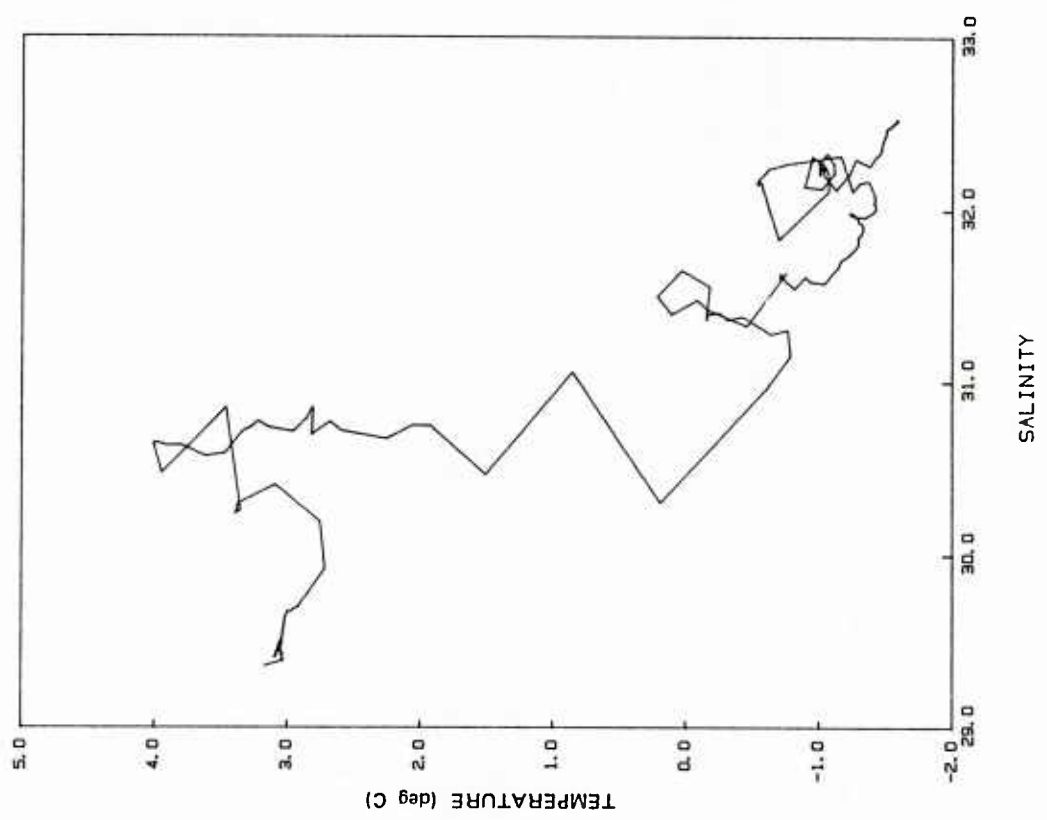
CAST # 141 DOWN  
 LAT 71 45.4 N  
 LON 157 10.9 W  
 DATE 09-14-1985  
 TIME 06:20:07  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



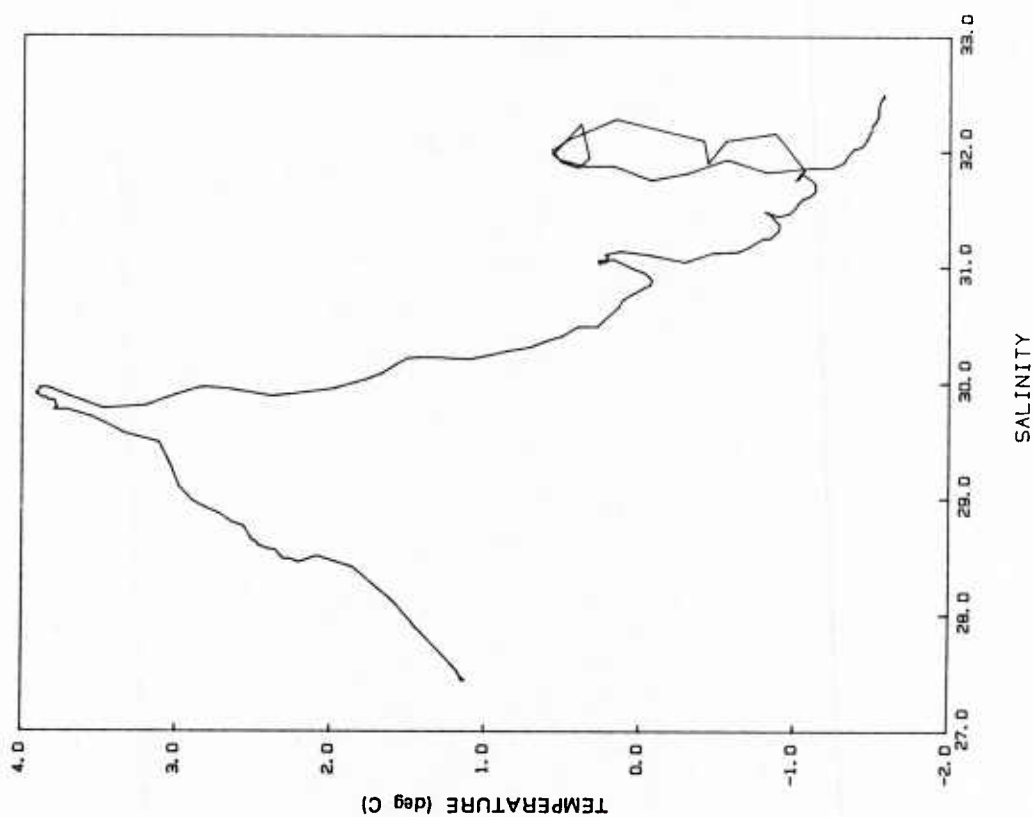
CAST# 140 DOWN  
 DATE: 85/09/14  
 TIME: 05:48:30  
 LAT: 71 41.6 N  
 LON: 157 09.2 W

# MIZPAC 85 TS CURVE



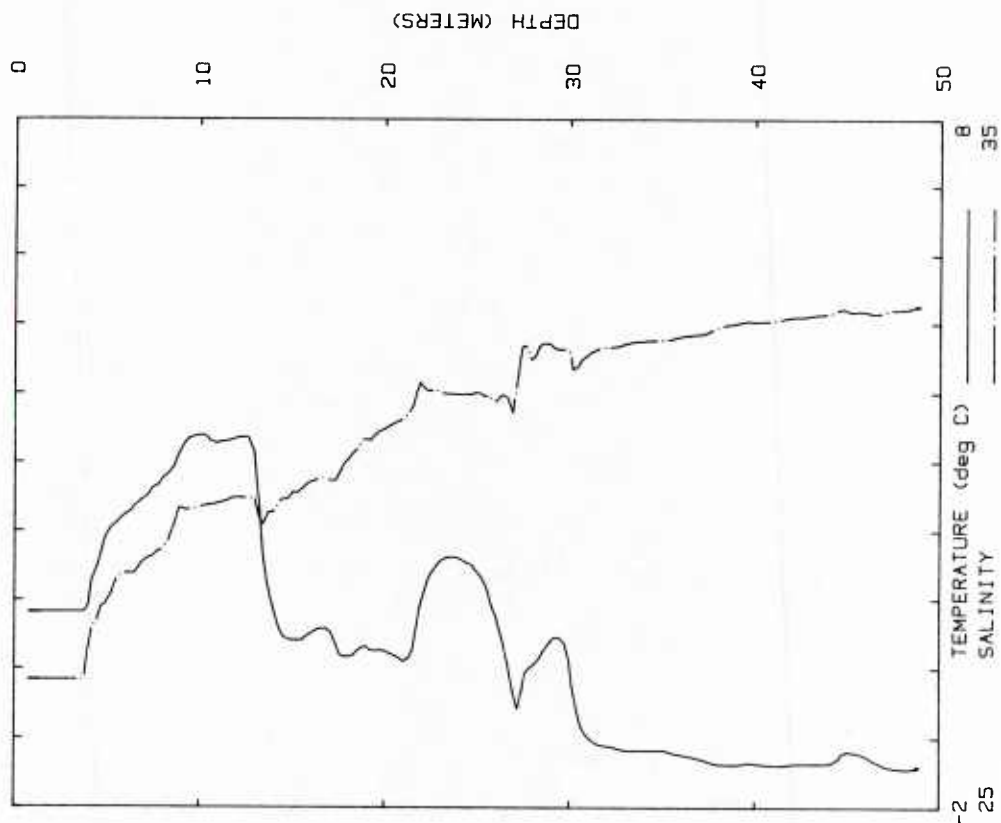
CAST# 141 DOWN  
 DATE: 85/09/14  
 TIME: 06:20:07  
 LAT: 71 45.4 N  
 LON: 157 10.9 W

# MIZPAC 85 TS CURVE



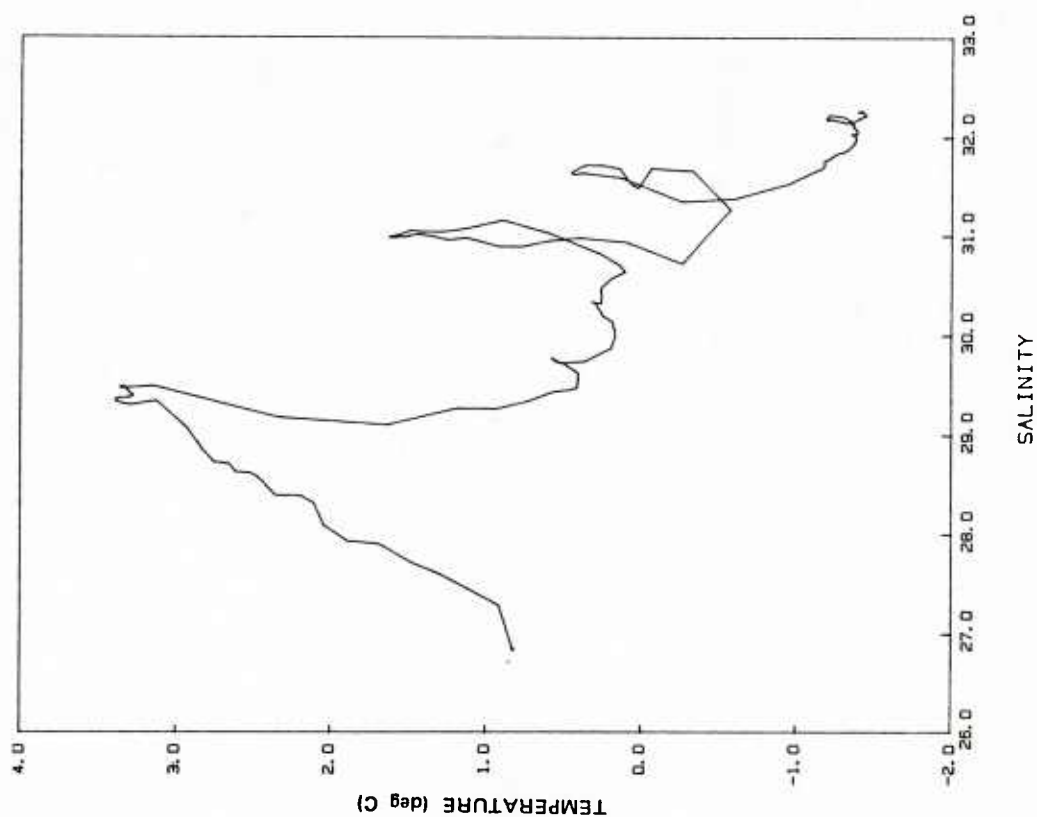
CAST # 142 DOWN  
 LAT 71 48.2 N  
 LON 157 14.8 W  
 DATE 09-14-1985  
 TIME 06:58:52  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



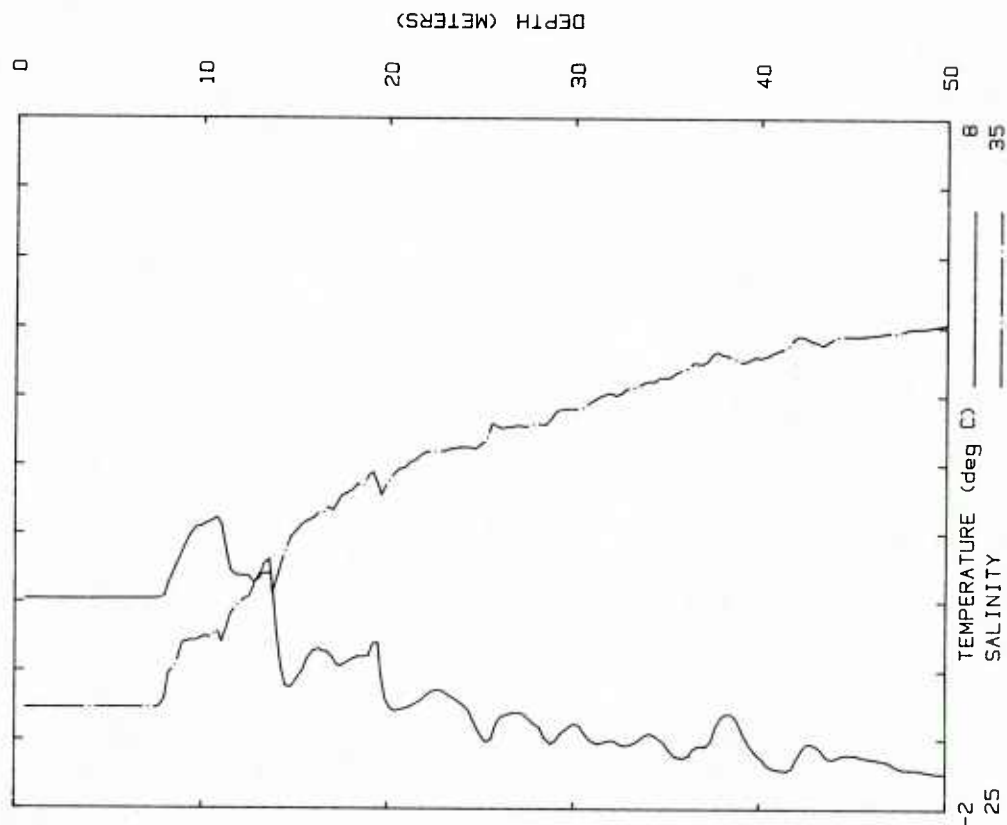
CAST# 142 DOWN  
 DATE: 85/09/14  
 TIME: 06:58:52  
 LAT: 71 48.2 N  
 LON: 157 14.8 W

# MIZPAC 85 TS CURVE



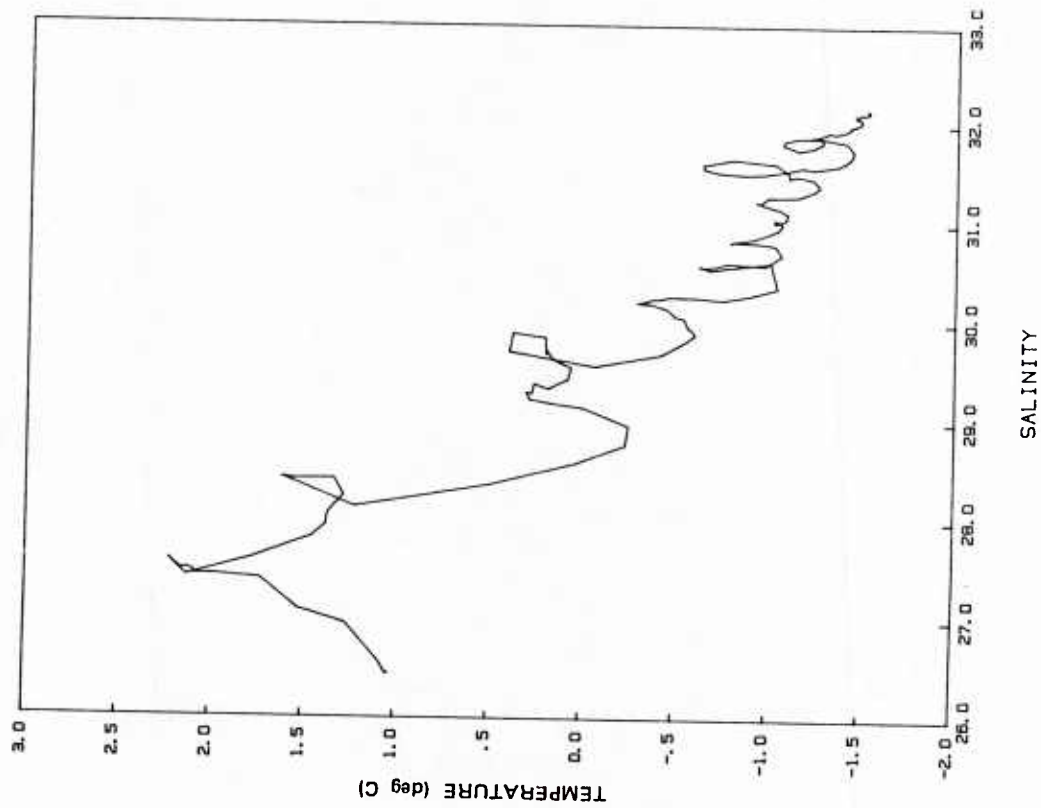
CAST # 143 DOWN  
 LAT 71 55.0 N  
 LON 157 21.5 W  
 DATE 09-14-1985  
 TIME 07:56:20  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



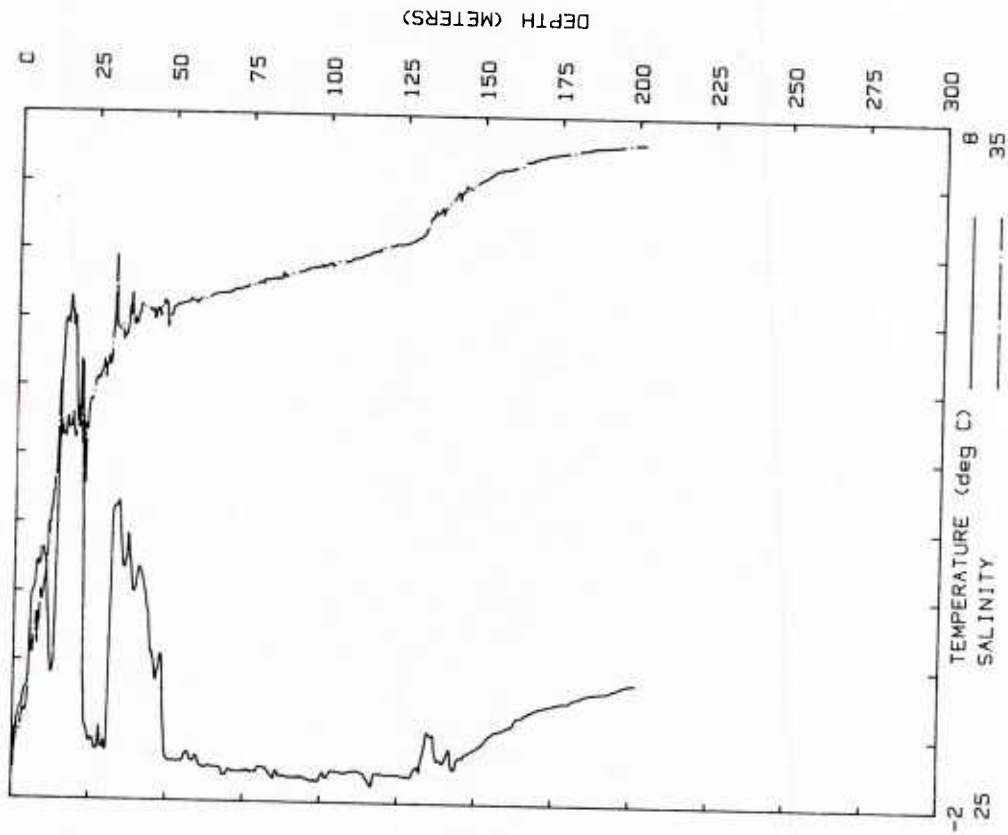
CAST# 143 DOWN  
 DATE: 85/08/14  
 TIME: 07:56:20  
 LAT: 71 55.0 N  
 LON: 157 21.5 W

# MIZPAC 85 TS CURVE



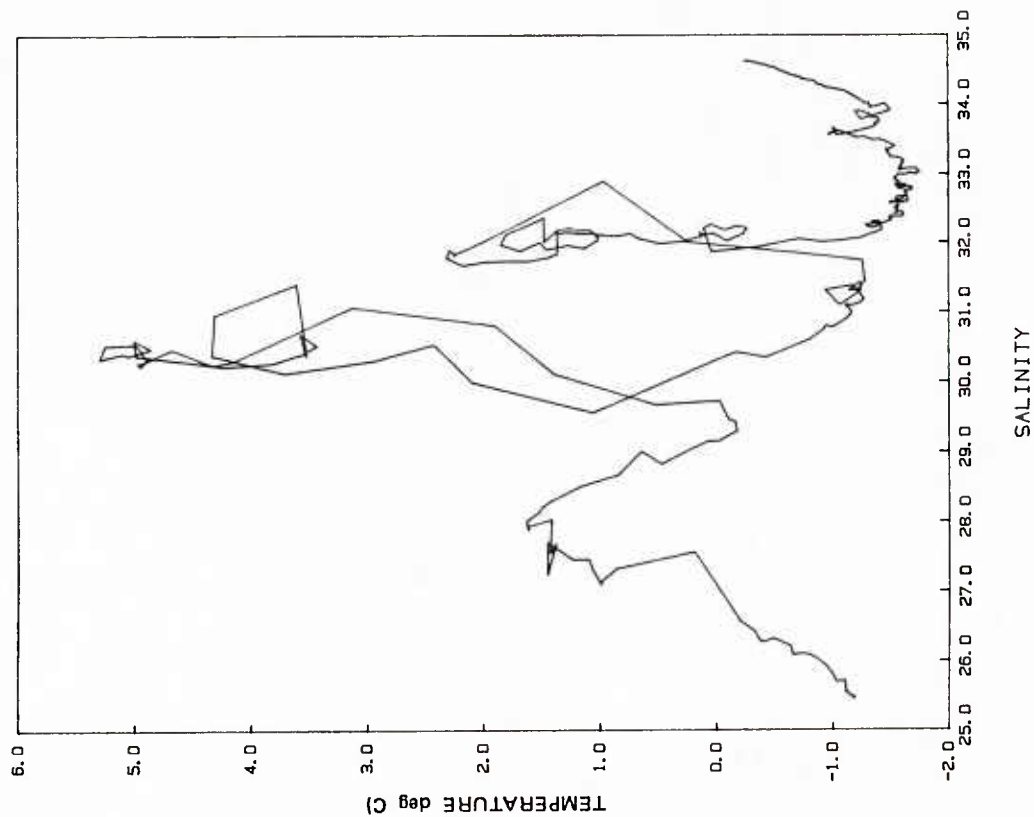
CAST # 144 DOWN  
 LAT 72 05.0 N  
 LON 155 32.4 W  
 DATE 08-14-1985  
 TIME 15:36:02  
 SENSOR NEIL BROWN  
 MODEL MK-111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



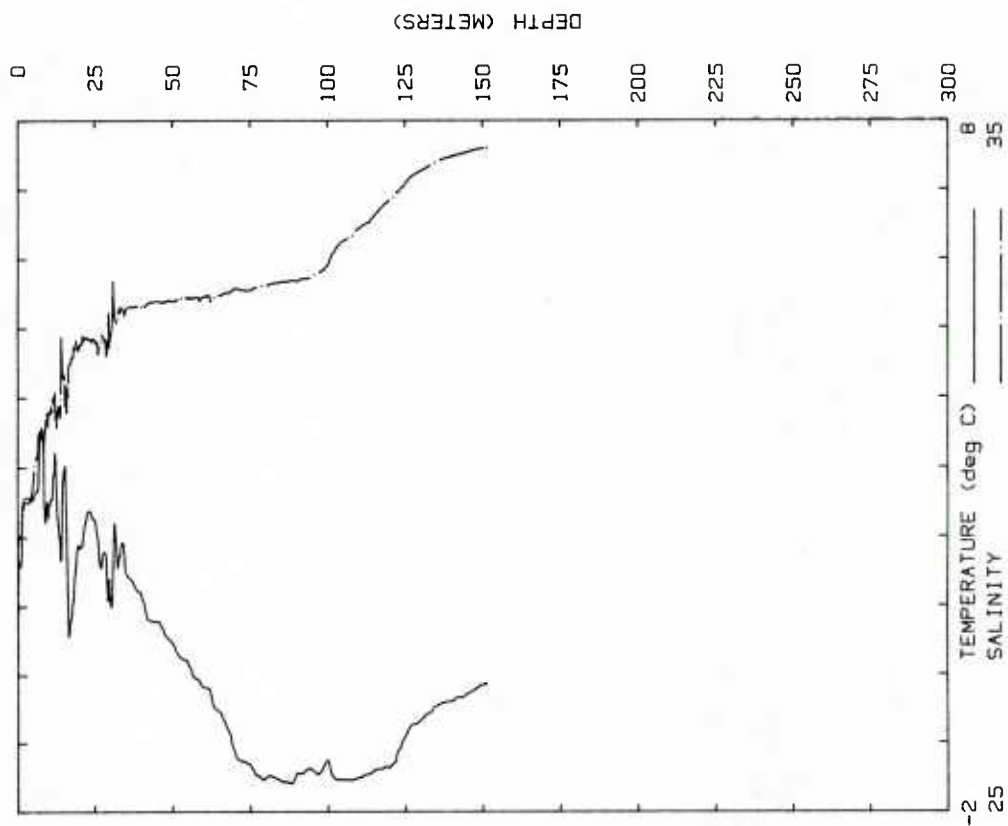
CAST# 144 DOWN  
 DATE: 85/09/14  
 TIME: 15:36:02  
 LAT: 72 05.0 N  
 LON: 155 32.4 W

# MIZPAC 85 TS CURVE



CAST # 145 DOWN  
 LAT 71 59.7 N  
 LON 155 25.3 W  
 DATE 09-14-1985  
 TIME 17:03:30  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER D1-2804-1

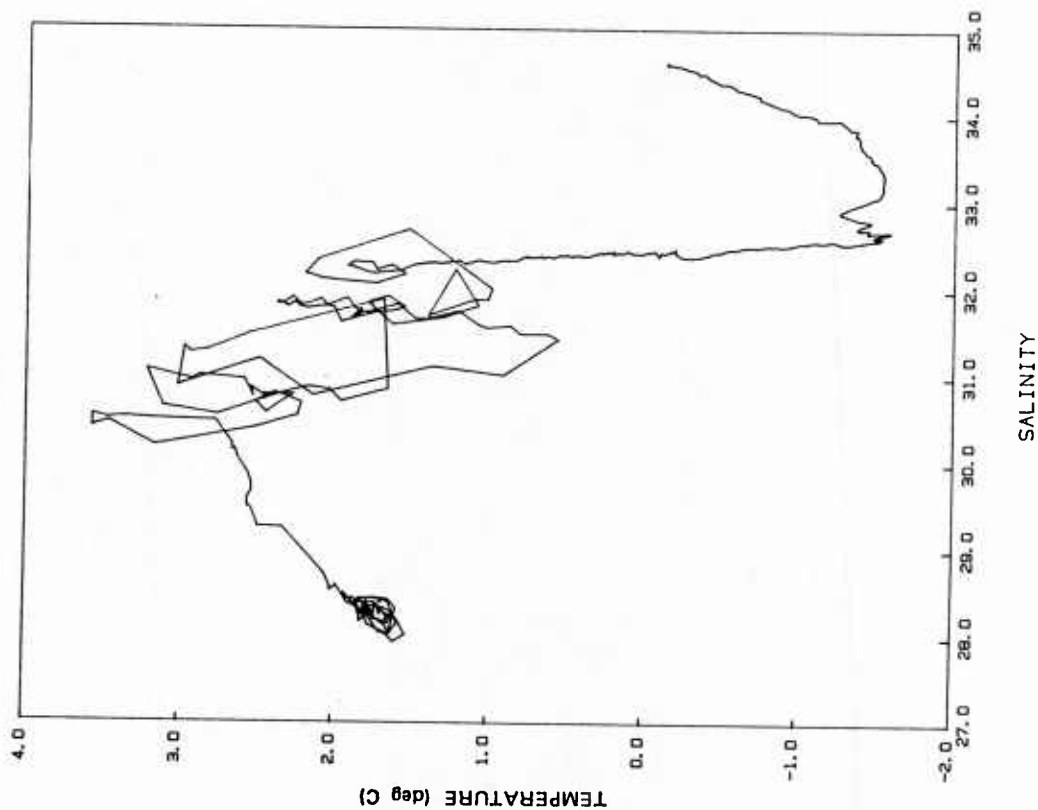
# MIZPAC 85 CTD PROFILE





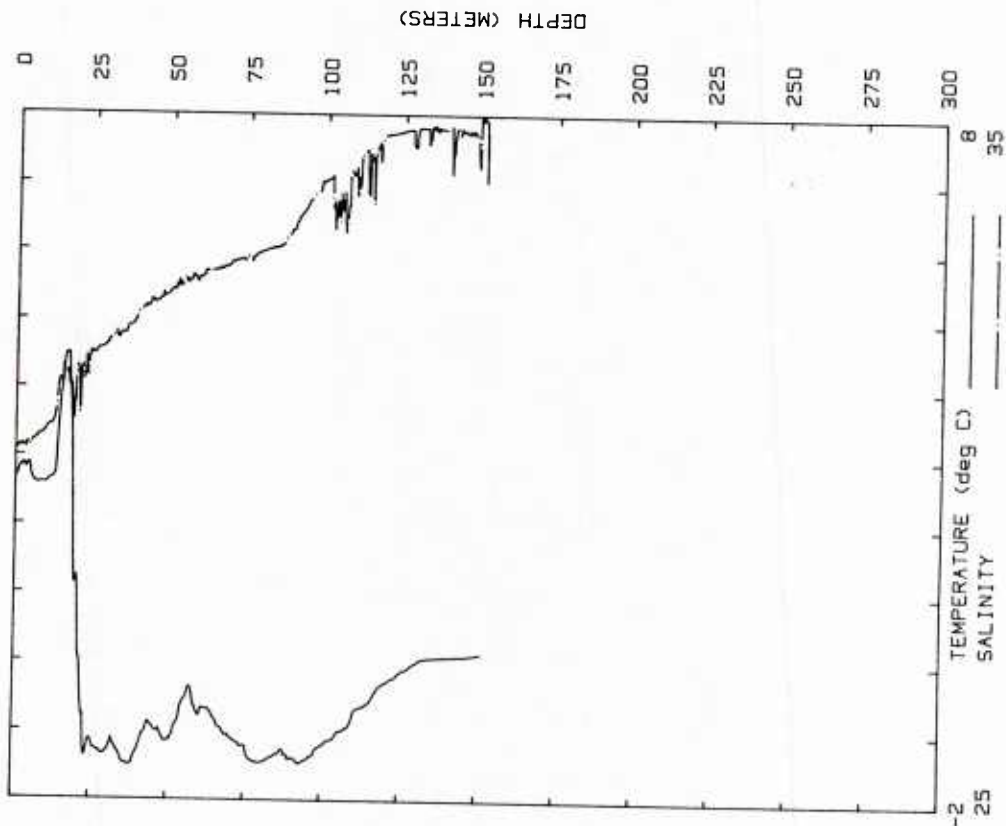
CASE# 145 DOWN  
 DATE: 85/09/14  
 TIME: 17:03.30  
 LAT: 71 59.7 N  
 LON: 155 25.3 W

# MIZPAC 85 TS CURVE



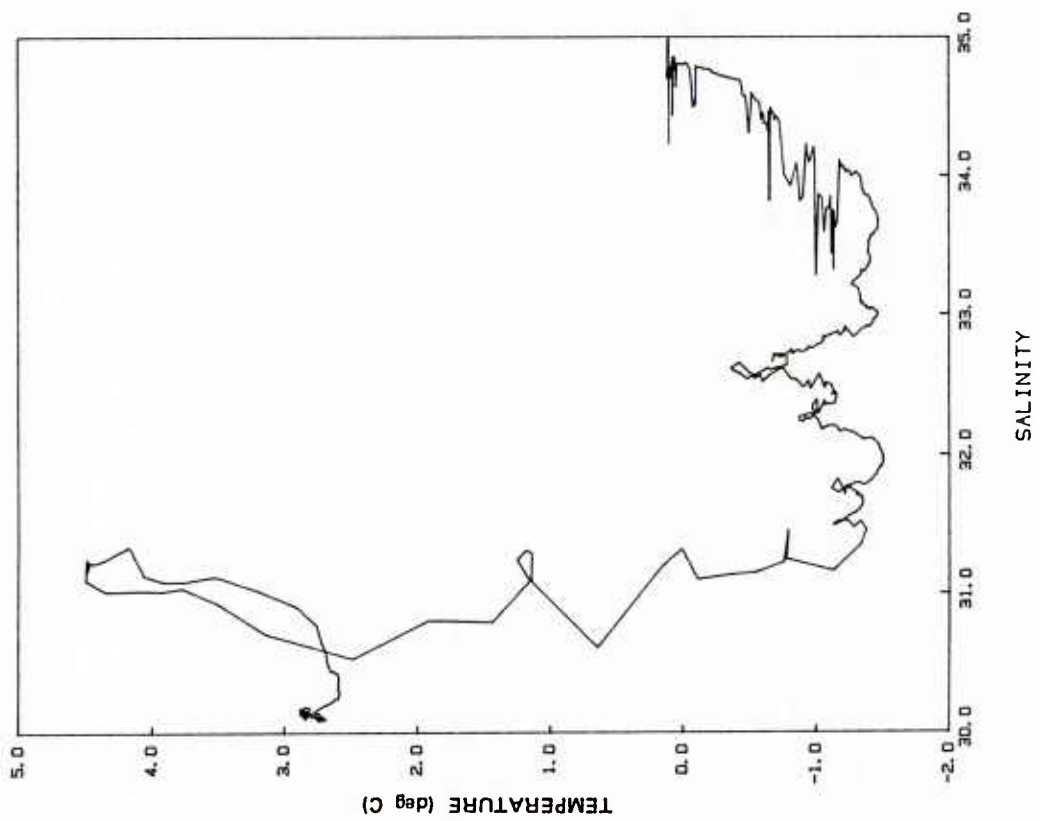
CASE# 146 DOWN  
 LAT: 71 56.8 N  
 LON: 155 21.8 W  
 DATE: 85-14-1985  
 TIME: 18:01:57  
 SENSOR: NEIL BROWN  
 MODEL: MK. 111  
 NUMBER: 01-2504-1

# MIZPAC 85 CTD PROFILE



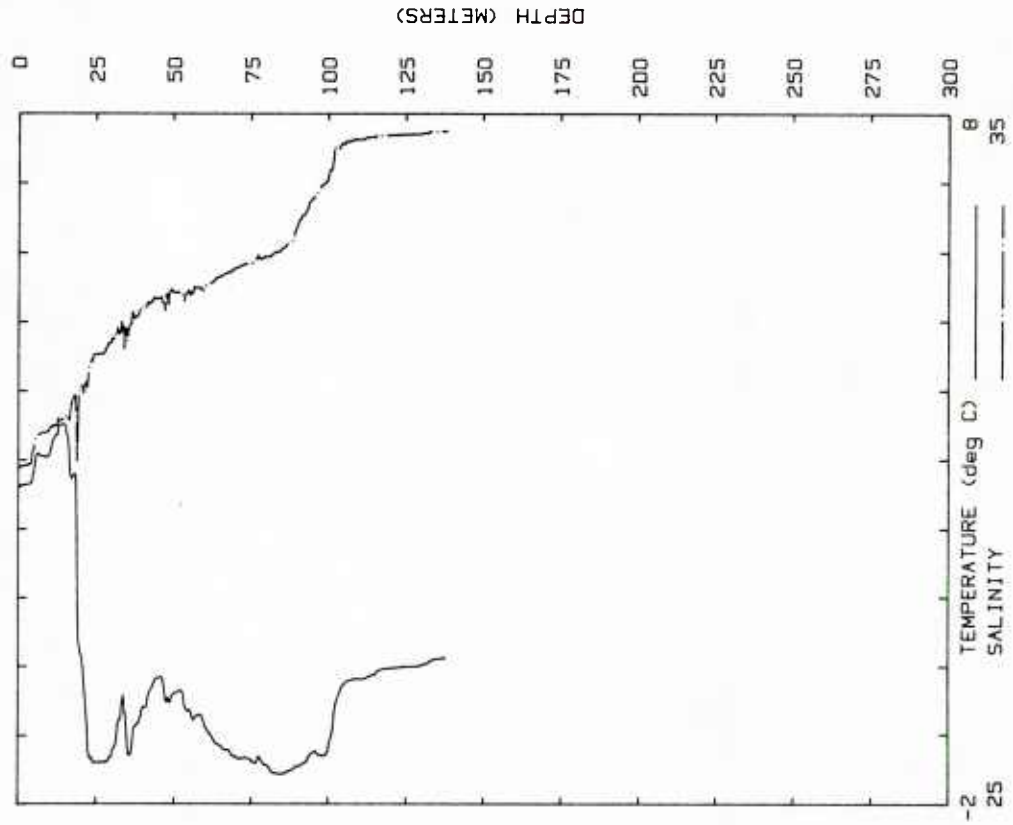
CAST# 146 DOWN  
 DATE: 85/09/14  
 TIME: 18:01.57  
 LAT: 71 56.8 N  
 LON: 155 21.8 W

# MIZPAC 85 TS CURVE



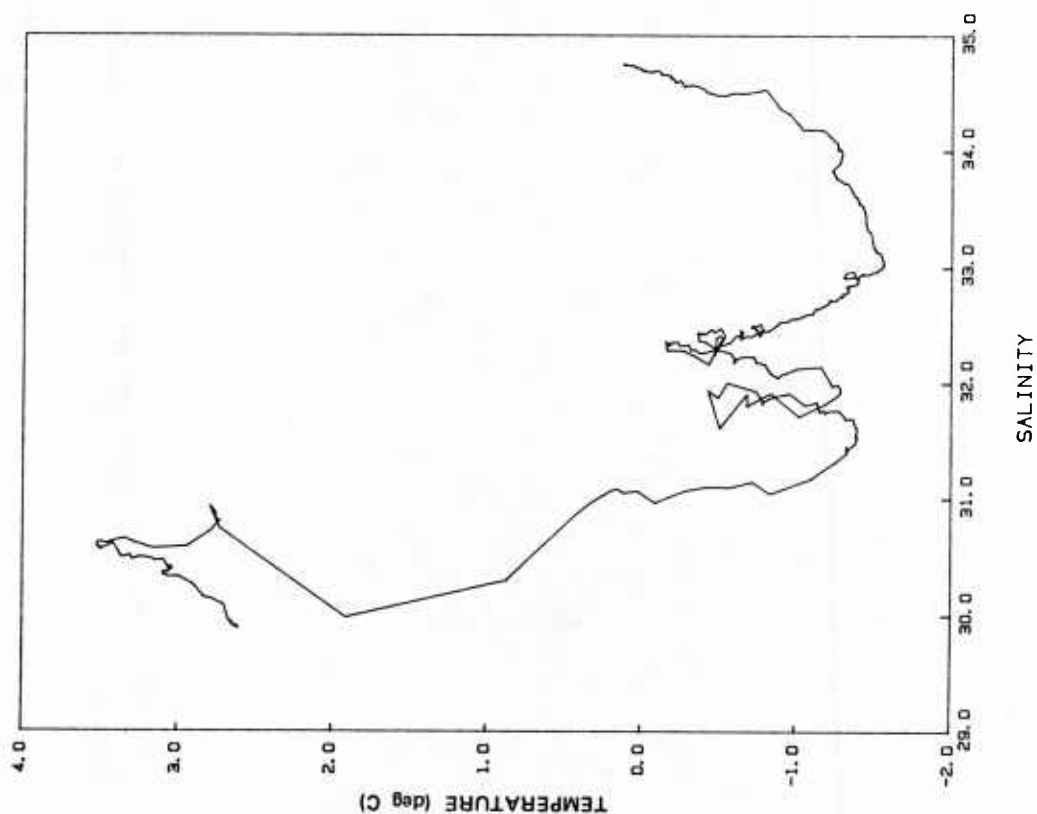
CAST # 147 DOWN  
 LAT 71 54.0 N  
 LON 155 17.7 W  
 DATE 08-14-1985  
 TIME 18:55:16  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



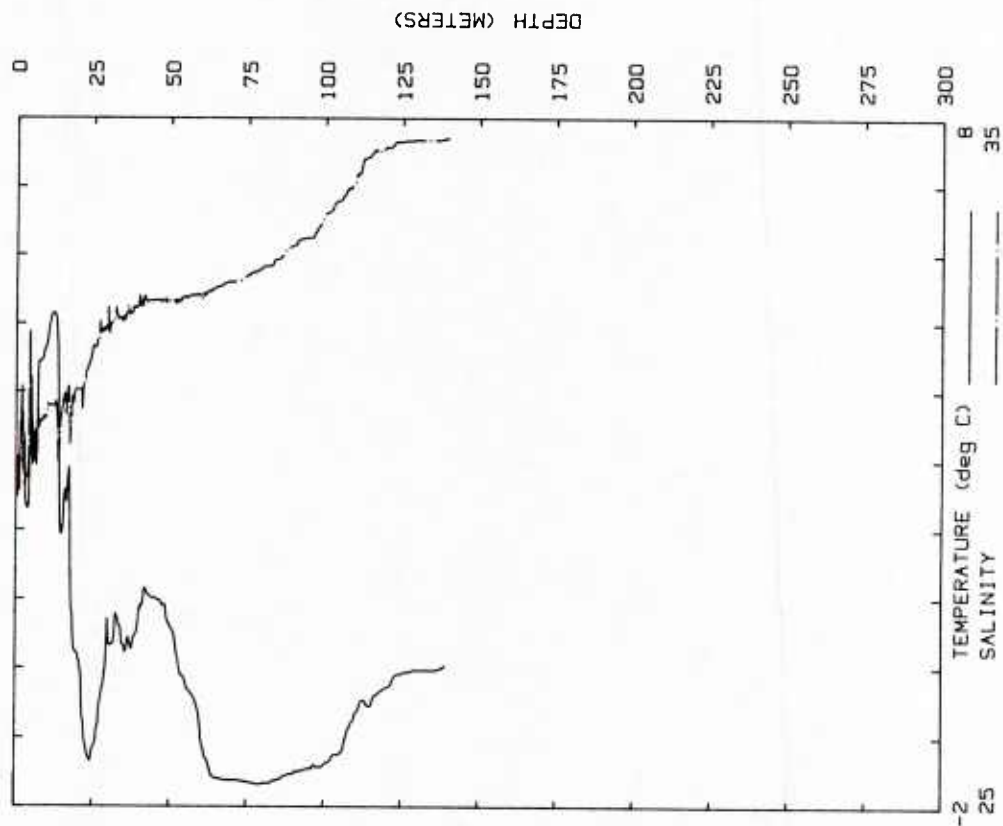
CASE # 147 DOWN  
 DATE: 85/08/14  
 TIME: 16:55:16  
 LAT: 71 54.0 N  
 LON: 155 17.7 W

# MIZPAC 85 TS CURVE



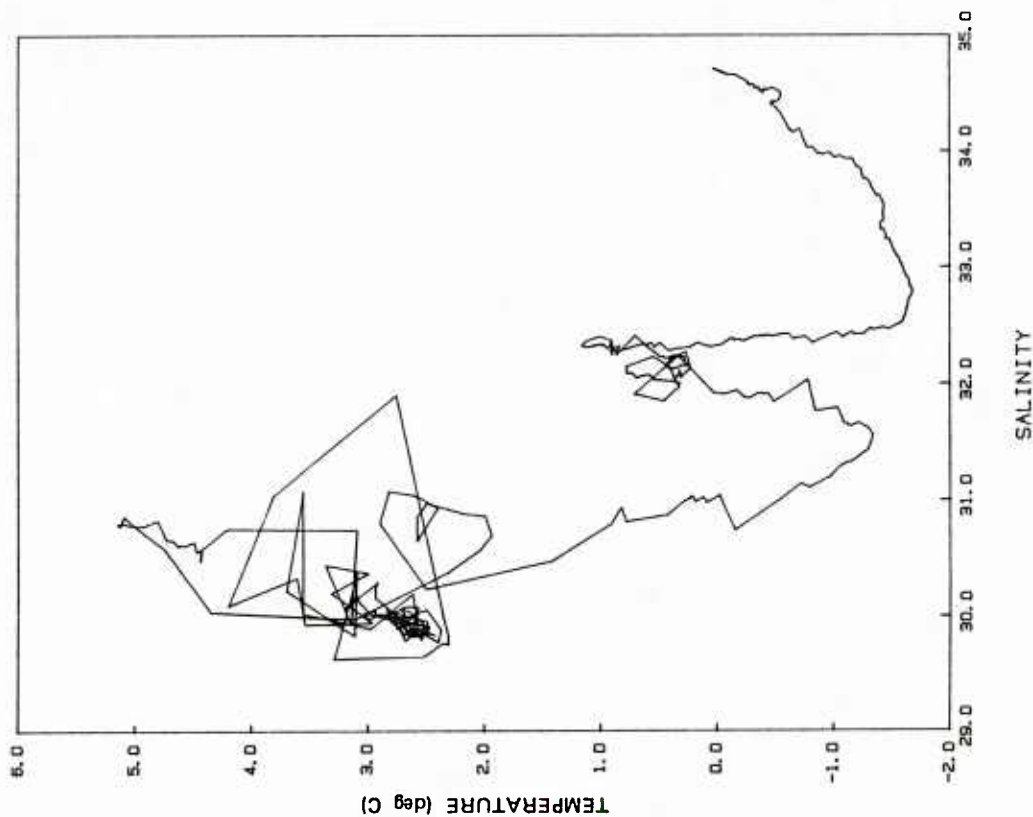
CASE # 148 DOWN  
 LAT: 71 50.2 N  
 LON: 155 13.3 W  
 DATE: 09-14-1985  
 TIME: 20:16:19  
 SENSOR: NEIL BROWN  
 MODEL: MK. III  
 NUMBER: 01-2904-1

# MIZPAC 85 CTD PROFILE



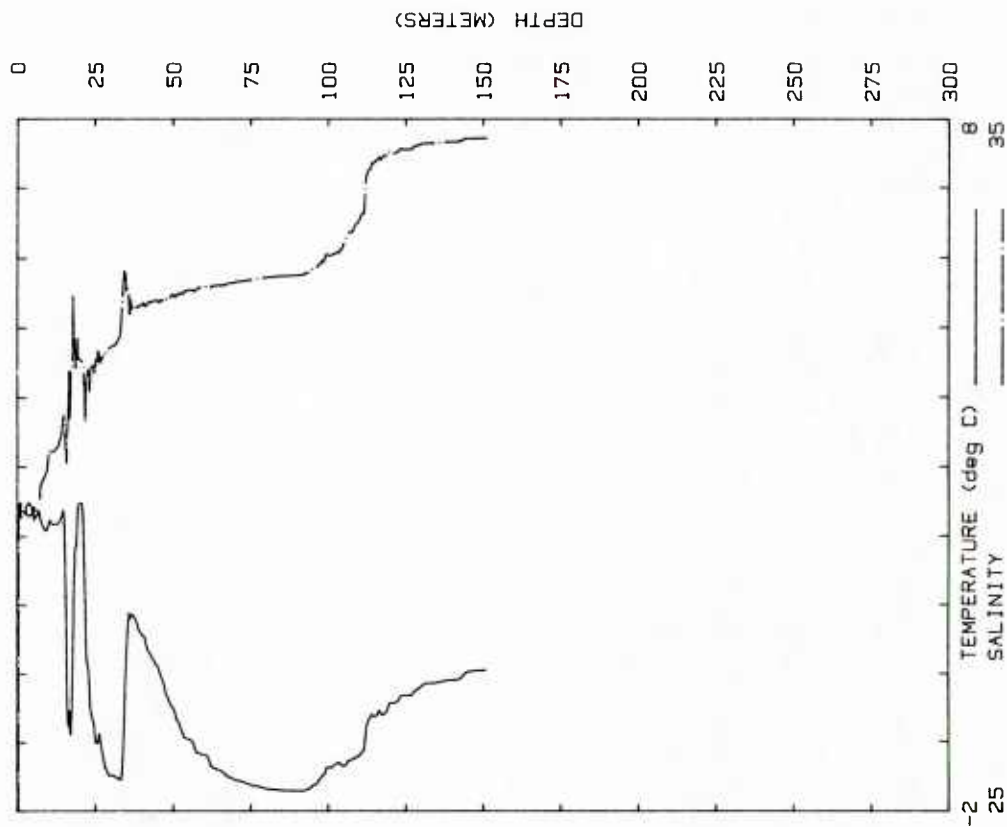
CAST# 148 DOWN  
 DATE: 85/09/14  
 TIME: 20.16.19  
 LAT: 71 50.2 N  
 LON: 155 13.3 W

# MIZPAC 85 TS CURVE



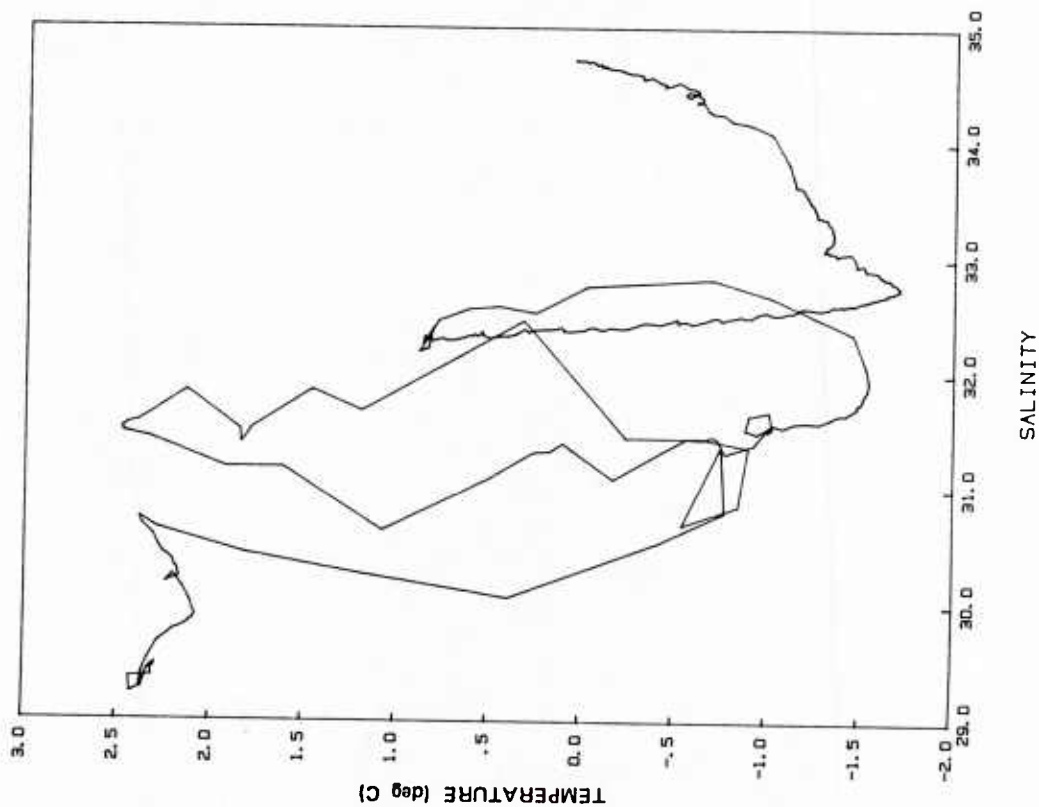
CAST # 149 DOWN  
 LAT 71 48.5 N  
 LON 155 11.6 W  
 DATE 09-14-1985  
 TIME 21:09.14  
 SENSOR NEIL BROWN  
 MODEL MK. III  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



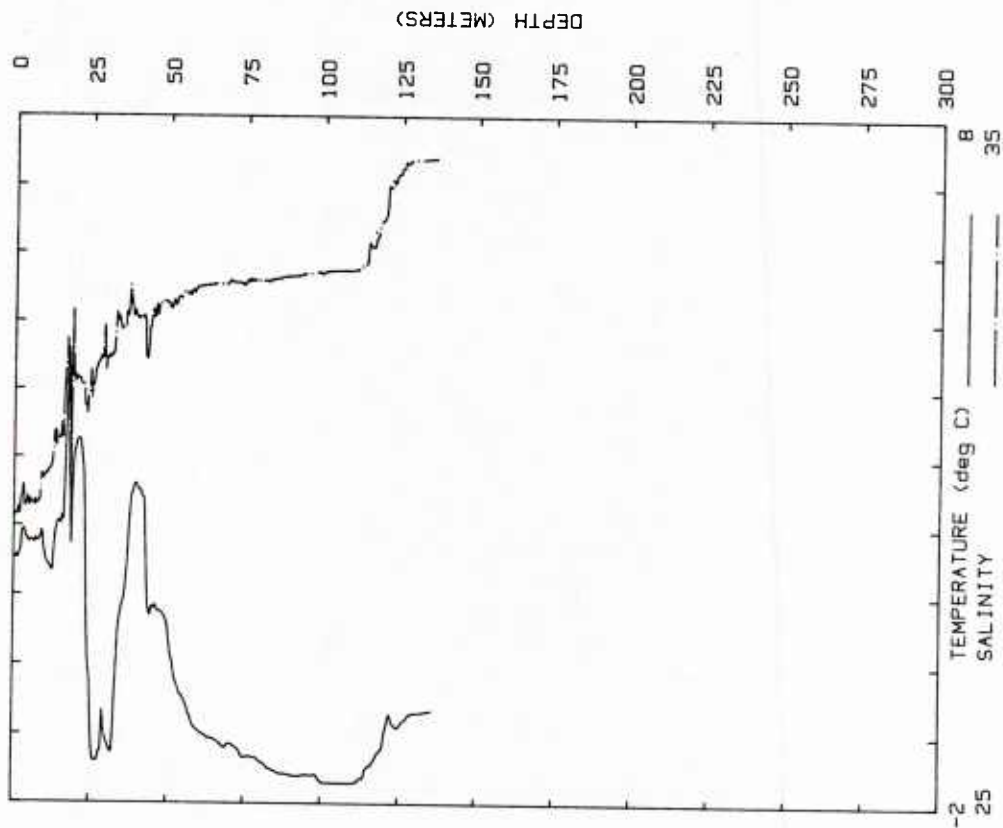
CAST# 149 DOWN  
 DATE: 85/09/14  
 TIME: 21:09:14  
 LAT: 71 48.5 N  
 LON: 155 11.6 W

# MIZPAC 85 TS CURVE



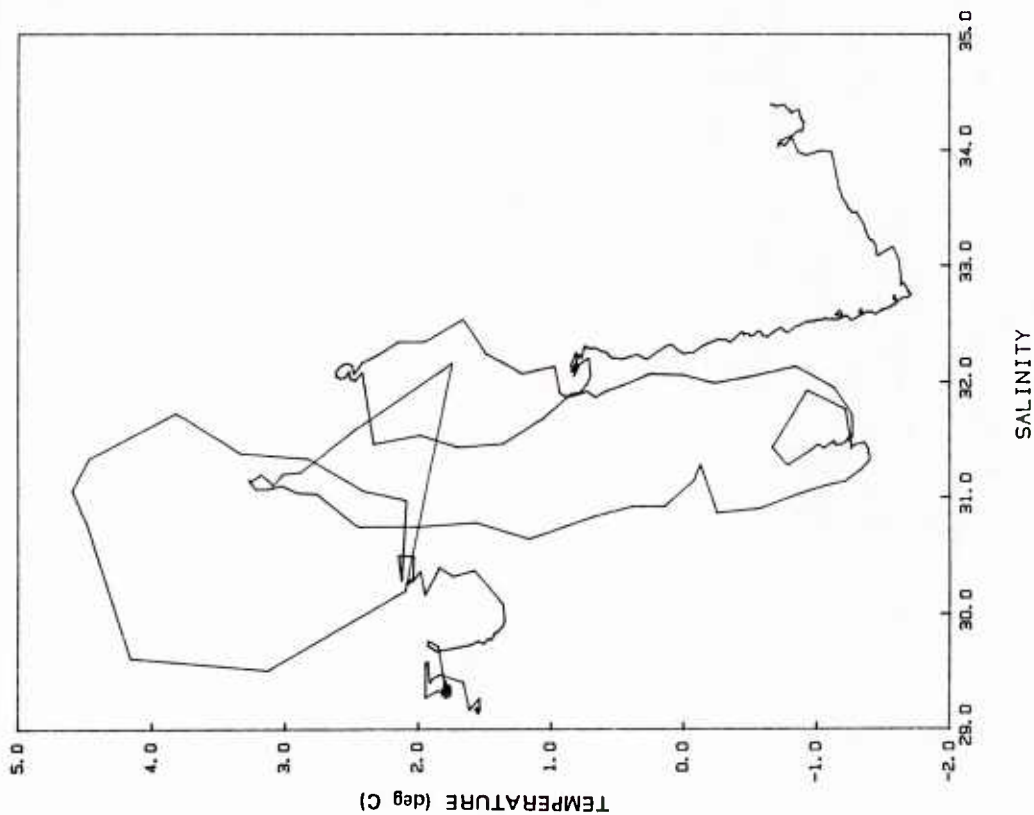
CAST # 150 DOWN  
 LAT 71 45.6 N  
 LON 155 08.2 W  
 DATE 09-14-1985  
 TIME 22:09:54  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER 01-2904-1

# MIZPAC 85 CTD PROFILE



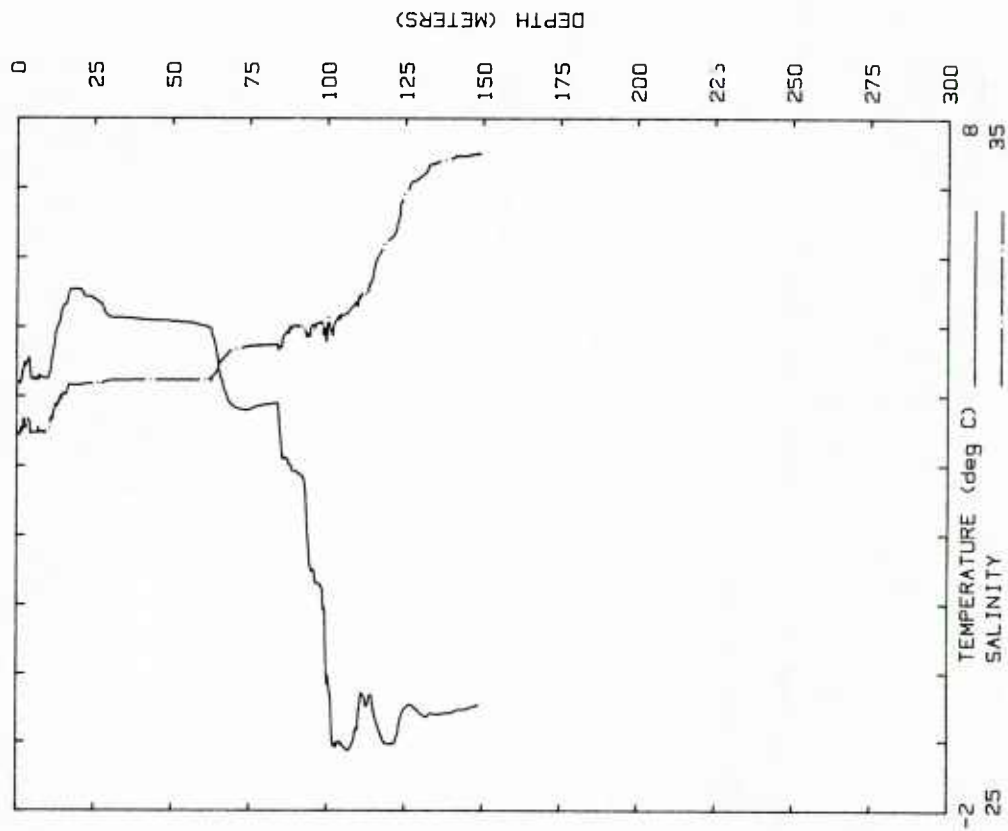
CAST# 150 DOWN  
 DATE: 85/09/14  
 TIME: 22:09:54  
 LAT: 71 45.6 N  
 LON: 155 08.2 W

# MIZPAC 85 TS CURVE



CAST # 151 DOWN  
 LAT 71 42.8 N  
 LON 155 04.5 W  
 DATE 85-14-1985  
 TIME 23:12:55  
 SENSOR NEIL BROWN  
 MODEL MK. 111  
 NUMBER D1-2304-1

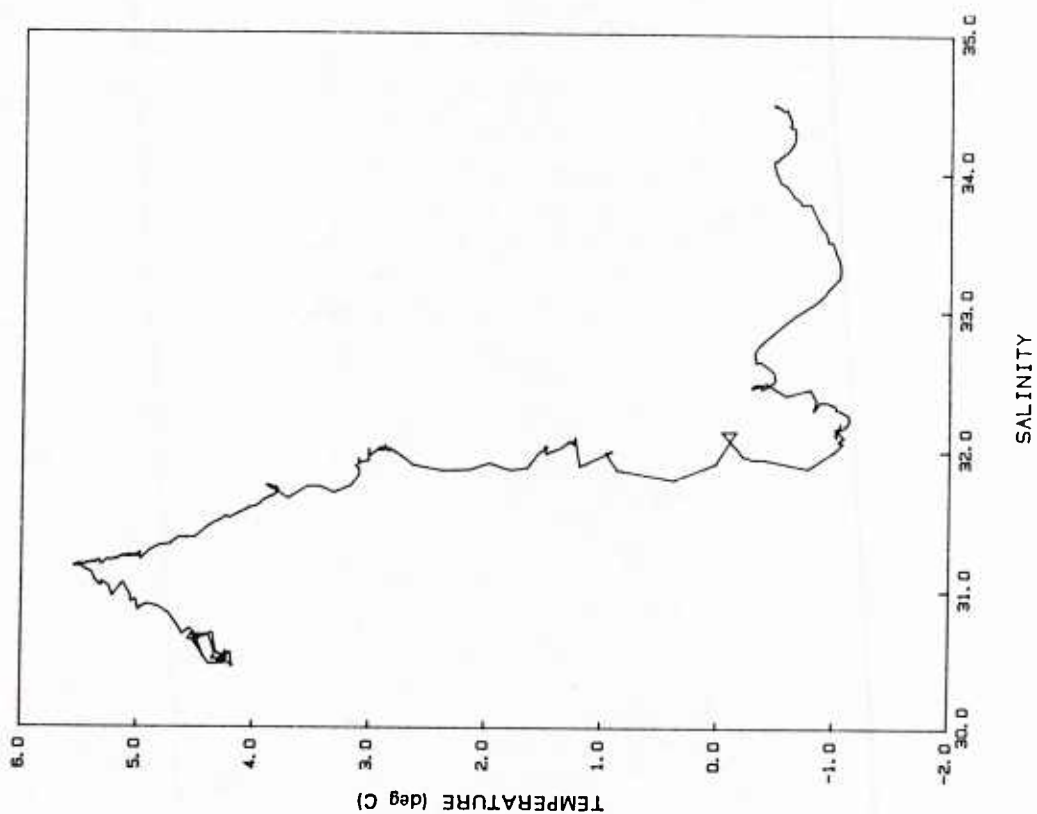
# MIZPAC 85 CTD PROFILE





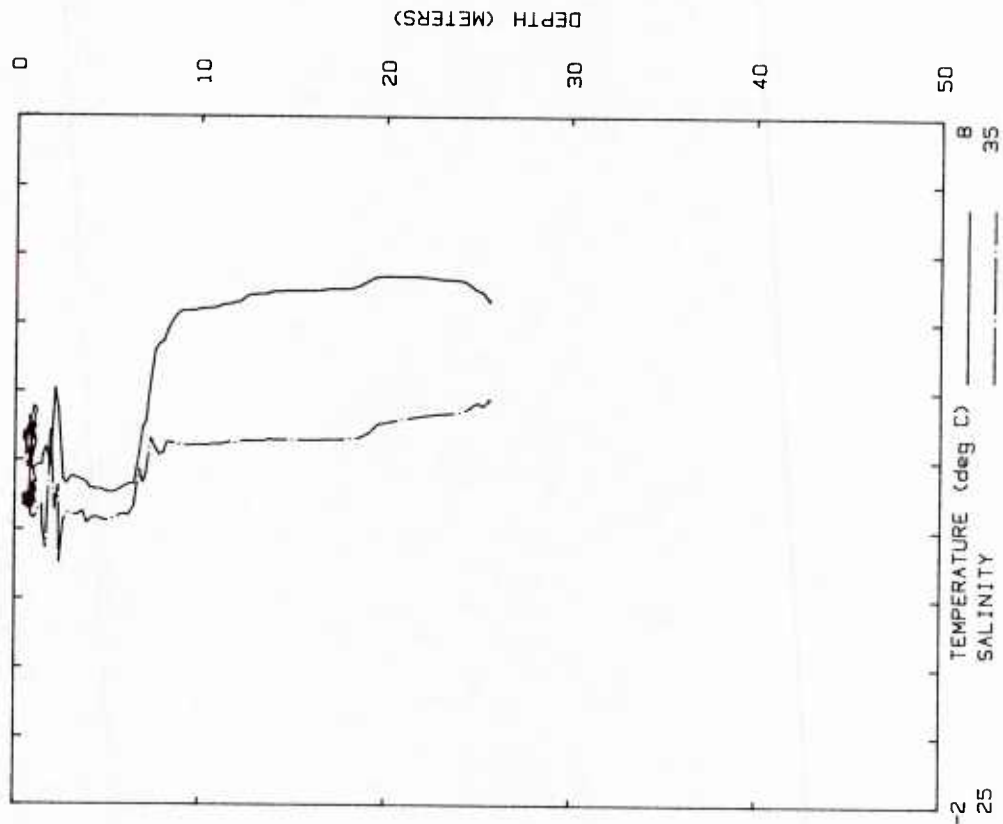
CAS# 151 DOWN  
DATE: 85/08/14  
TIME: 23.12.55  
LAT: 71 42.8 N  
LON: 155 04.5 W

MIZPAC 85  
TS CURVE



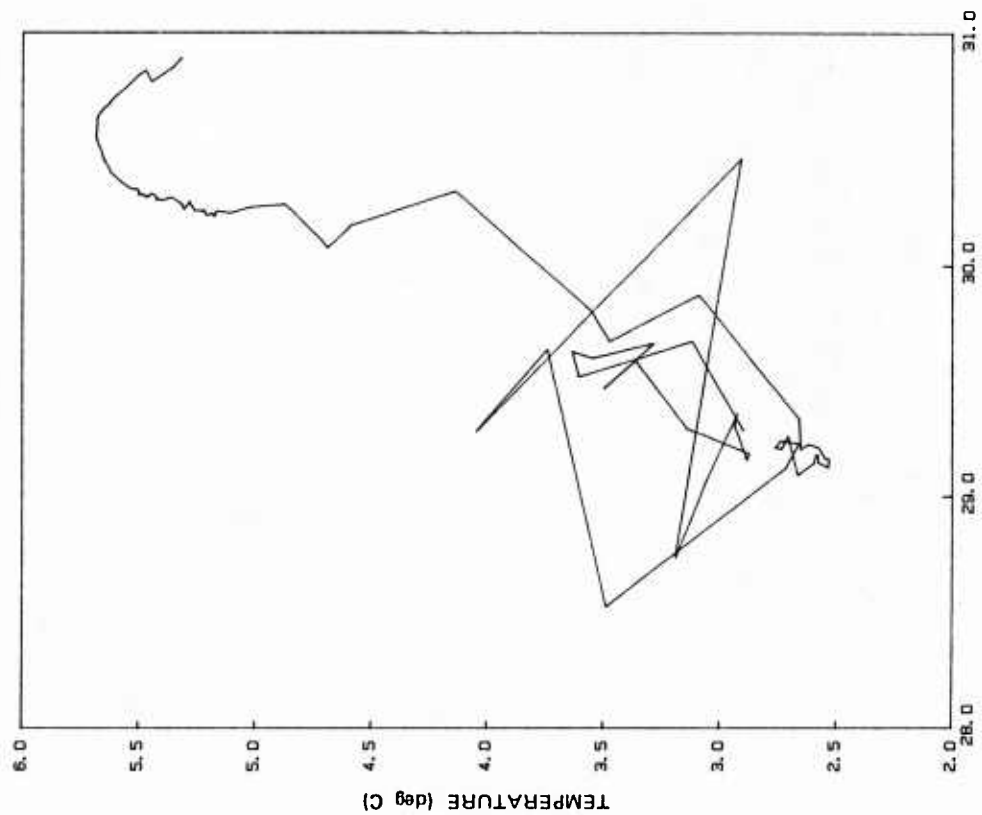
CAS# 152 DOWN  
LAT: 71 33.7 N  
LON: 154 48.9 W  
DATE: 09-15-1985  
TIME: 00.46.02  
SENSOR NEIL BROWN  
MODEL MK. III  
NUMBER 01-2804-1

MIZPAC 85  
CTD PROFILE



CAST# 152 DOWN  
DATE: 85/09/15  
TIME: 00:46:02  
LAT: 71 33.7 N  
LON: 154 49.9 W

MIZPAC 85  
TS CURVE



## **APPENDIX E - MIZPAC 86 DATA**

Showing the ship's positions when casts #1 through #13 were made, CTD tables/profiles, measured sound speeds, and TS curves.

## MIZPAC 86 CTD INDEX

CAST #	DATE	TIME	LATITUDE	LONGITUDE
1	86/09/21	06:34:14	72 53.7 N	141 44.0 W
2	86/09/22	17:16:19	73 09.4 N	141 16.0 W
3	86/09/23	02:42:00	73 29.1 N	141 14.8 W
4	86/09/23	17:35:48	73 02.5 N	141 13.5 W
5	86/09/26	20:12:16	72 38.9 N	141 24.9 W
6	86/09/29	03:54:09	71 29.5 N	147 23.6 W
7	86/09/29	14:21:24	72 01.2 N	147 55.9 W
8	86/09/29	17:33:47	72 00.2 N	149 06.1 W
9	86/09/29	21:25:30	71 29.0 N	149 09.3 W
10	86/09/30	02:27:08	72 00.0 N	150 59.4 W
11	86/09/30	05:36:45	72 14.9 N	151 04.0 W
12	86/09/30	10:19:20	72 11.9 N	152 30.8 W
13	86/09/30	17:20:30	71 59.7 N	153 44.9 W

MIZPAC 86  
 DATE: 86/09/21  
 LAT: 72 53.7 N

CAST# 1 DOWN  
 TIME: 06:34:14  
 LON: 141 44.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
.2	-1.51	28.23	1432.83	223.1	-.85	33.86	1447.16
1.3	-1.51	28.21	1432.83	228.4	-.77	33.94	1447.73
0.0	-1.50	28.26	1432.90	233.5	-.66	34.03	1448.41
1.1	-1.51	28.22	1432.85	238.8	-.59	34.09	1448.93
2.2	-1.51	28.47	1433.18	244.0	-.52	34.16	1449.42
3.4	-1.52	28.94	1433.77	250.0	-.46	34.20	1449.86
4.5	-1.52	28.96	1433.85	255.3	-.39	34.26	1450.35
5.9	-1.52	28.91	1433.80	260.5	-.36	34.30	1450.64
4.8	-1.53	28.95	1433.80	265.8	-.30	34.31	1451.00
6.4	-1.53	28.94	1433.81	271.1	-.26	34.33	1451.33
7.5	-1.52	28.99	1433.92	276.7	-.20	34.35	1451.72
8.6	-1.57	29.09	1433.84	282.0	-.16	34.38	1452.03
10.3	-1.58	29.19	1433.94	287.1	-.11	34.42	1452.39
12.5	-1.58	29.28	1434.09	293.4	-.06	34.44	1452.72
14.7	-1.59	29.32	1434.16	298.9	-.01	34.46	1453.10
16.8	-1.59	29.34	1434.21	309.6	.06	34.47	1453.60
18.9	-1.59	29.34	1434.25	320.0	.13	34.48	1454.12
21.6	-1.59	29.34	1434.30	330.9	.20	34.51	1454.64
24.0	-1.58	29.36	1434.39	341.0	.24	34.54	1455.00
26.6	-1.58	29.34	1434.41	351.2	.28	34.56	1455.39
28.8	-1.58	29.39	1434.53	361.4	.31	34.56	1455.71
31.2	-1.58	29.51	1434.75	371.8	.34	34.55	1456.00
33.3	-1.53	29.87	1435.46	382.4	.35	34.58	1456.27
35.8	-1.48	30.13	1436.10	392.8	.37	34.59	1456.51
38.1	-1.45	30.35	1436.59	403.6	.37	34.62	1456.76
40.3	-1.45	30.53	1436.89	414.3	.40	34.62	1457.05
42.4	-1.43	30.72	1437.25	424.7	.42	34.62	1457.30
44.5	-1.45	30.80	1437.31	434.9	.42	34.62	1457.47
46.8	-1.50	30.92	1437.28	445.1	.43	34.62	1457.68
49.2	-1.51	30.95	1437.28	456.4	.44	34.62	1457.92
51.3	-1.54	31.04	1437.28	467.4	.44	34.64	1458.16
53.5	-1.54	31.05	1437.37	477.5	.45	34.64	1458.34
56.5	-1.53	31.11	1437.52	488.4	.45	34.66	1458.54
58.7	-1.52	31.18	1437.71	498.9	.45	34.66	1458.72
61.2	-1.51	31.29	1437.96	509.0	.45	34.66	1458.91
63.5	-1.45	31.43	1438.45	519.5	.47	34.67	1459.15
66.0	-1.42	31.54	1438.77	530.1	.47	34.65	1459.32
68.2	-1.40	31.65	1439.09	540.9	.47	34.67	1459.54
70.3	-1.39	31.72	1439.27	551.2	.48	34.66	1459.71
72.4	-1.39	31.74	1439.29	561.9	.47	34.66	1459.86
74.9	-1.40	31.79	1439.40	572.2	.48	34.65	1460.04
77.4	-1.40	31.83	1439.46	582.7	.46	34.69	1460.20
79.5	-1.41	31.87	1439.51	592.8	.47	34.67	1460.39
82.1	-1.41	31.92	1439.60	603.1	.48	34.68	1460.57
84.6	-1.41	31.95	1439.68	613.6	.45	34.68	1460.66
86.7	-1.42	32.00	1439.75	623.9	.44	34.69	1460.79
88.9	-1.42	32.04	1439.82	634.6	.44	34.67	1460.94
91.3	-1.42	32.04	1439.88	645.4	.43	34.67	1461.07
93.7	-1.43	32.09	1439.94	655.5	.42	34.68	1461.19
95.9	-1.43	32.09	1439.97	665.9	.41	34.69	1461.33
98.1	-1.44	32.16	1440.03	676.2	.40	34.68	1461.42
100.6	-1.44	32.19	1440.14	686.4	.39	34.68	1461.58
102.7	-1.45	32.22	1440.15				
104.8	-1.45	32.24	1440.20				
107.4	-1.46	32.24	1440.23				
109.6	-1.47	32.29	1440.28				
112.3	-1.46	32.30	1440.35				
115.0	-1.48	32.37	1440.41				
117.6	-1.48	32.39	1440.46				
119.8	-1.48	32.40	1440.54				
121.9	-1.48	32.39	1440.58				
124.5	-1.49	32.42	1440.62				
126.9	-1.49	32.47	1440.69				
129.5	-1.49	32.49	1440.75				
131.8	-1.50	32.52	1440.78				
134.5	-1.51	32.53	1440.81				
136.8	-1.51	32.56	1440.88				
139.3	-1.51	32.57	1440.91				
141.4	-1.51	32.62	1441.02				
143.9	-1.52	32.62	1441.01				
146.1	-1.51	32.66	1441.16				
148.8	-1.52	32.68	1441.19				
154.0	-1.52	32.72	1441.33				
160.0	-1.52	32.79	1441.49				
165.1	-1.52	32.84	1441.68				
170.3	-1.50	32.92	1441.95				
176.1	-1.49	32.98	1442.17				
181.6	-1.46	33.04	1442.51				
186.9	-1.42	33.12	1442.88				
192.0	-1.38	33.21	1443.29				
197.2	-1.32	33.30	1443.77				
202.3	-1.26	33.38	1444.23				
207.4	-1.16	33.51	1444.96				
212.6	-1.05	33.66	1445.77				
217.7	-.95	33.80	1446.52				

MIZPAC 86  
 DATE: 86/09/22  
 LAT: 73 09.4 N

CAST# 2 DOWN  
 TIME: 17:16:19  
 LON: 141 16.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
.6	-1.53	29.41	1434.36	199.3	-1.32	33.36	1443.89
1.8	-1.54	29.38	1434.26	204.7	-1.24	33.40	1444.39
3.0	-1.56	29.37	1434.16	210.3	-1.14	33.54	1445.13
4.4	-1.56	29.40	1434.26	215.7	-1.06	33.68	1445.81
5.5	-1.57	29.42	1434.24	221.6	-.96	33.78	1446.51
6.6	-1.58	29.41	1434.22	226.9	-.87	33.90	1447.18
7.7	-1.58	29.41	1434.21	232.2	-.75	33.96	1447.90
8.8	-1.59	29.40	1434.18	238.1	-.69	34.08	1448.46
9.9	-1.60	29.41	1434.17	243.4	-.59	34.12	1449.04
8.4	-1.60	29.43	1434.15	249.2	-.51	34.19	1449.60
9.7	-1.60	29.43	1434.17	254.6	-.45	34.24	1450.04
8.6	-1.60	29.44	1434.19	260.0	-.40	34.27	1450.42
9.7	-1.61	29.48	1434.21	265.5	-.34	34.32	1450.86
8.6	-1.61	29.47	1434.18	270.6	-.30	34.35	1451.16
9.8	-1.60	29.43	1434.18	275.8	-.26	34.37	1451.43
12.1	-1.60	29.42	1434.18	281.0	-.21	34.40	1451.77
14.3	-1.61	29.42	1434.21	286.3	-.18	34.42	1452.07
16.4	-1.60	29.37	1434.21	291.7	-.12	34.43	1452.41
18.8	-1.61	29.42	1434.27	297.3	-.10	34.45	1452.66
20.9	-1.60	29.45	1434.37	307.4	-.02	34.48	1453.22
23.5	-1.60	29.40	1434.35	317.5	.06	34.49	1453.74
25.9	-1.60	29.41	1434.40	328.0	.11	34.53	1454.22
28.0	-1.61	29.44	1434.46	339.0	.18	34.54	1454.74
30.1	-1.60	29.42	1434.47	349.2	.23	34.56	1455.15
33.1	-1.57	29.95	1435.39	360.0	.27	34.59	1455.54
35.3	-1.47	30.47	1436.61	370.2	.31	34.59	1455.88
37.7	-1.43	30.70	1437.15	380.4	.34	34.60	1456.22
39.8	-1.45	30.87	1437.31	390.9	.36	34.60	1456.49
42.2	-1.47	30.96	1437.39	401.0	.37	34.63	1456.72
44.4	-1.51	31.02	1437.30	411.2	.38	34.62	1456.93
46.6	-1.52	31.06	1437.37	421.9	.39	34.64	1457.19
48.8	-1.53	31.08	1437.39	432.1	.41	34.63	1457.41
50.9	-1.53	31.10	1437.45	442.6	.42	34.63	1457.64
53.2	-1.54	31.17	1437.52	453.4	.43	34.65	1457.90
55.5	-1.53	31.21	1437.66	463.8	.43	34.67	1458.07
57.7	-1.52	31.28	1437.82	474.4	.43	34.66	1458.25
59.8	-1.50	31.35	1438.08	484.7	.45	34.68	1458.49
61.9	-1.48	31.43	1438.28	495.1	.45	34.68	1458.70
64.0	-1.46	31.47	1438.50	505.4	.46	34.66	1458.88
66.5	-1.42	31.66	1438.98	515.6	.46	34.68	1459.06
68.6	-1.40	31.71	1439.16	526.0	.46	34.68	1459.25
70.8	-1.39	31.79	1439.34	536.2	.47	34.68	1459.45
72.9	-1.39	31.82	1439.42	547.0	.47	34.68	1459.62
75.1	-1.39	31.86	1439.49	557.1	.48	34.69	1459.85
77.4	-1.40	31.90	1439.58	567.7	.47	34.70	1460.01
79.6	-1.40	31.90	1439.59	578.0	.46	34.71	1460.13
82.4	-1.41	31.97	1439.70	588.2	.47	34.71	1460.35
85.1	-1.41	32.01	1439.76	598.5	.47	34.70	1460.49
87.2	-1.42	32.05	1439.85	608.6	.46	34.71	1460.66
89.4	-1.42	32.07	1439.91	619.7	.45	34.70	1460.78
91.8	-1.43	32.12	1439.95	630.0	.44	34.70	1460.88
94.0	-1.43	32.16	1440.06	640.2	.43	34.70	1461.03
96.4	-1.43	32.16	1440.08	651.4	.42	34.70	1461.14
98.7	-1.45	32.22	1440.13	662.0	.40	34.71	1461.27
100.9	-1.44	32.24	1440.20	672.3	.40	34.70	1461.41
103.0	-1.45	32.26	1440.21	682.5	.38	34.72	1461.51
105.5	-1.45	32.28	1440.31				
107.6	-1.46	32.31	1440.32				
109.9	-1.47	32.33	1440.35				
112.1	-1.45	32.31	1440.42				
114.2	-1.46	32.37	1440.49				
116.3	-1.46	32.37	1440.52				
118.5	-1.48	32.41	1440.55				
120.7	-1.49	32.40	1440.53				
122.8	-1.48	32.41	1440.59				
124.9	-1.49	32.44	1440.64				
127.1	-1.49	32.46	1440.71				
129.4	-1.49	32.48	1440.78				
131.6	-1.49	32.50	1440.83				
134.1	-1.50	32.54	1440.86				
136.6	-1.49	32.52	1440.91				
138.7	-1.51	32.57	1440.94				
140.9	-1.50	32.55	1440.97				
143.2	-1.52	32.63	1441.05				
145.3	-1.51	32.60	1441.09				
147.5	-1.51	32.64	1441.17				
150.5	-1.52	32.66	1441.21				
156.3	-1.54	32.74	1441.32				
161.4	-1.53	32.76	1441.48				
166.6	-1.53	32.84	1441.65				
172.1	-1.53	32.92	1441.84				
177.3	-1.51	32.96	1442.09				
183.1	-1.48	33.05	1442.44				
188.3	-1.45	33.14	1442.80				
193.8	-1.39	33.20	1443.25				



MIZPAC 86  
 DATE: 86/09/25  
 LAT: 73 29.1 N

CAST# 3 DOWN  
 TIME: 02:42:00  
 LON: 141 14.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
0.0	-1.63	29.50	1434.07	238.7	-.68	34.05	1448.55	1071.7	-.08	34.72	1465.97
1.4	-1.63	29.53	1434.11	244.1	-.64	34.09	1448.86	1082.8	-.09	34.73	1466.10
2.9	-1.63	29.50	1434.13	249.2	-.57	34.15	1449.38	1093.8	-.10	34.75	1466.29
4.3	-1.63	29.52	1434.17	254.4	-.51	34.21	1449.78	1103.9	-.10	34.73	1466.40
5.4	-1.62	29.51	1434.18	259.5	-.45	34.29	1450.28	1114.0	-.11	34.73	1466.54
7.0	-1.63	29.50	1434.18	264.6	-.39	34.33	1450.67	1124.5	-.12	34.73	1466.66
8.1	-1.63	29.52	1434.22	270.0	-.34	34.32	1451.02	1134.7	-.14	34.73	1466.75
9.3	-1.63	29.50	1434.21	275.1	-.30	34.37	1451.34	1144.9	-.14	34.72	1466.92
11.4	-1.63	29.54	1434.29	280.5	-.26	34.36	1451.60	1155.4	-.15	34.74	1467.06
13.5	-1.63	29.52	1434.30	285.6	-.21	34.40	1451.97	1165.8	-.16	34.75	1467.19
15.6	-1.63	29.51	1434.32	291.5	-.15	34.42	1452.34	1175.9	-.17	34.76	1467.35
18.0	-1.63	29.51	1434.34	297.1	-.11	34.47	1452.68	1186.1	-.17	34.74	1467.48
20.2	-1.63	29.55	1434.44	307.2	-.00	34.48	1453.38	1196.4	-.18	34.74	1467.63
23.0	-1.63	29.53	1434.45	317.3	.07	34.53	1453.93	1207.2	-.18	34.76	1467.80
25.1	-1.63	29.55	1434.51	327.6	.12	34.55	1454.36	1217.7	-.19	34.73	1467.89
28.0	-1.62	29.86	1435.03	337.9	.19	34.58	1454.87	1228.1	-.20	34.74	1468.05
30.1	-1.54	30.78	1436.72	348.2	.25	34.59	1455.35	1238.5	-.21	34.75	1468.21
32.2	-1.54	30.81	1436.80	358.5	.29	34.62	1455.72	1248.6	-.21	34.73	1468.34
34.4	-1.56	30.86	1436.79	369.2	.32	34.63	1456.06	1258.8	-.22	34.74	1468.45
36.5	-1.56	30.92	1436.92	379.4	.35	34.65	1456.36	1269.1	-.22	34.74	1468.62
39.2	-1.56	30.92	1436.96	389.5	.37	34.64	1456.65	1280.1	-.24	34.75	1468.76
41.5	-1.58	30.95	1436.92	399.7	.39	34.63	1456.89	1290.6	-.24	34.76	1468.93
44.2	-1.58	30.99	1437.01	410.3	.40	34.65	1457.12	1301.1	-.25	34.75	1469.08
46.3	-1.59	31.02	1437.02	420.7	.42	34.66	1457.37	1312.0	-.25	34.74	1469.24
48.5	-1.59	31.07	1437.13	431.0	.42	34.67	1457.57	1322.2	-.25	34.73	1469.40
50.6	-1.59	31.10	1437.21	441.3	.44	34.66	1457.81	1332.5	-.26	34.75	1469.54
52.7	-1.58	31.20	1437.45	451.8	.44	34.66	1458.01	1342.7	-.27	34.74	1469.66
54.8	-1.55	31.32	1437.79	462.3	.45	34.68	1458.26	1352.8	-.27	34.74	1469.83
57.2	-1.56	31.44	1437.94	472.9	.46	34.68	1458.46	1363.5	-.27	34.75	1469.99
59.9	-1.53	31.50	1438.21	484.1	.46	34.69	1458.68	1373.7	-.27	34.73	1470.17
62.2	-1.50	31.68	1438.65	494.7	.47	34.69	1458.86	1384.8	-.28	34.74	1470.30
64.4	-1.47	31.76	1438.90	505.2	.47	34.69	1459.04	1395.6	-.29	34.74	1470.46
66.9	-1.45	31.81	1439.13	515.3	.47	34.72	1459.24	1405.8	-.29	34.75	1470.64
69.0	-1.44	31.87	1439.26	525.9	.48	34.70	1459.45	1416.5	-.30	34.75	1470.77
71.1	-1.45	31.92	1439.34	536.6	.49	34.69	1459.64	1427.0	-.30	34.76	1470.95
73.2	-1.45	31.93	1439.36	547.2	.48	34.72	1459.84	1437.1	-.30	34.75	1471.13
75.6	-1.46	31.99	1439.44	558.0	.49	34.71	1460.02	1447.5	-.32	34.76	1471.23
77.8	-1.47	32.03	1439.53	568.7	.48	34.70	1460.16	1457.6	-.32	34.76	1471.37
80.3	-1.47	32.08	1439.58	578.9	.48	34.73	1460.33	1467.8	-.31	34.75	1471.57
82.4	-1.47	32.09	1439.66	589.8	.47	34.73	1460.50	1478.0	-.33	34.75	1471.67
85.0	-1.47	32.09	1439.69	600.2	.47	34.71	1460.61	1488.1	-.33	34.74	1471.81
87.6	-1.47	32.13	1439.81	610.7	.45	34.72	1460.71				
89.7	-1.49	32.16	1439.77	620.9	.43	34.74	1460.84				
91.8	-1.48	32.16	1439.87	631.2	.42	34.73	1460.95				
94.3	-1.47	32.20	1440.01	641.3	.42	34.72	1461.10				
96.7	-1.47	32.22	1440.04	651.7	.41	34.72	1461.24				
98.8	-1.47	32.27	1440.14	662.1	.40	34.73	1461.35				
101.0	-1.46	32.26	1440.23	672.9	.40	34.72	1461.50				
103.3	-1.46	32.28	1440.28	683.1	.38	34.72	1461.60				
105.7	-1.46	32.32	1440.39	693.8	.36	34.74	1461.70				
107.9	-1.47	32.35	1440.43	704.3	.34	34.73	1461.80				
110.6	-1.48	32.39	1440.48	715.1	.33	34.73	1461.94				
112.8	-1.47	32.38	1440.55	725.6	.33	34.73	1462.11				
115.0	-1.48	32.44	1440.57	735.7	.31	34.73	1462.17				
117.2	-1.48	32.45	1440.65	746.0	.29	34.75	1462.29				
119.3	-1.48	32.45	1440.66	756.2	.28	34.73	1462.38				
121.6	-1.49	32.48	1440.72	767.1	.27	34.74	1462.52				
123.7	-1.49	32.49	1440.77	778.0	.27	34.71	1462.64				
125.8	-1.50	32.53	1440.81	788.4	.25	34.72	1462.75				
127.9	-1.49	32.55	1440.90	799.1	.22	34.73	1462.82				
130.1	-1.51	32.55	1440.86	809.6	.22	34.73	1462.97				
132.2	-1.51	32.58	1440.94	819.9	.21	34.73	1463.10				
134.8	-1.51	32.60	1441.00	830.6	.20	34.74	1463.24				
136.9	-1.52	32.63	1441.04	840.7	.18	34.71	1463.29				
139.2	-1.51	32.65	1441.12	851.3	.16	34.73	1463.40				
141.3	-1.53	32.70	1441.13	862.1	.15	34.73	1463.51				
143.6	-1.52	32.69	1441.20	872.2	.13	34.73	1463.63				
146.0	-1.54	32.72	1441.20	882.5	.13	34.71	1463.74				
148.3	-1.53	32.71	1441.28	892.9	.12	34.72	1463.89				
153.5	-1.54	32.78	1441.37	903.2	.10	34.72	1463.97				
158.6	-1.54	32.82	1441.51	913.3	.09	34.73	1464.10				
164.2	-1.55	32.87	1441.63	924.0	.07	34.72	1464.20				
169.5	-1.55	32.91	1441.78	934.1	.07	34.72	1464.35				
175.1	-1.54	32.98	1442.01	944.3	.05	34.74	1464.44				
180.4	-1.52	33.03	1442.26	954.5	.04	34.73	1464.54				
185.5	-1.48	33.12	1442.67	965.4	.03	34.74	1464.69				
191.0	-1.43	33.23	1443.14	976.0	.02	34.74	1464.82				
196.5	-1.37	33.31	1443.63	986.3	.01	34.72	1464.93				
201.6	-1.31	33.37	1444.07	996.8	-.00	34.73	1465.06				
207.0	-1.25	33.47	1444.60	1007.4	-.02	34.75	1465.20				
212.2	-1.15	33.60	1445.33	1018.0	-.02	34.72	1465.32				
217.9	-1.04	33.72	1446.08	1029.2	-.04	34.74	1465.47				
223.1	-.96	33.78	1446.60	1040.0	-.05	34.73	1465.58				
228.4	-.88	33.89	1447.24	1050.8	-.05	34.72	1465.73				
233.5	-.80	33.98	1447.81	1061.4	-.07	34.73	1465.85				

MIZPAC 86  
 DATE: 86/09/25  
 LAT: 73 02.5 N

CAST# 4 DOWN  
 TIME: 17:35:48  
 LON: 141 13.5 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.0	-1.63	29.47	1433.95	243.6	-1.59	34.17	1449.15	1076.6	-1.07	34.74	1466.04
2.3	-1.62	29.48	1434.06	248.9	-1.53	34.19	1449.54	1087.9	-1.08	34.76	1466.21
3.7	-1.60	29.46	1434.14	254.2	-1.46	34.26	1450.02	1098.1	-1.09	34.74	1466.31
4.8	-1.60	29.51	1434.20	259.3	-1.40	34.30	1450.46	1108.6	-1.10	34.74	1466.45
6.0	-1.54	29.56	1434.61	264.4	-1.33	34.33	1450.88	1118.9	-1.11	34.73	1466.55
7.2	-1.57	29.43	1434.29	269.6	-1.27	34.38	1451.30	1129.5	-1.12	34.75	1466.69
8.8	-1.61	29.46	1434.18	274.8	-1.23	34.40	1451.62	1139.9	-1.12	34.74	1466.86
9.9	-1.60	29.53	1434.32	279.9	-1.20	34.43	1451.87	1150.3	-1.13	34.75	1467.01
11.0	-1.60	29.49	1434.32	285.0	-1.14	34.44	1452.26	1161.0	-1.14	34.73	1467.11
13.5	-1.61	29.46	1434.23	290.1	-1.11	34.45	1452.47	1171.7	-1.15	34.73	1467.27
15.7	-1.61	29.46	1434.27	295.4	-1.08	34.47	1452.73	1182.0	-1.15	34.74	1467.41
18.2	-1.62	29.49	1434.32	305.6	-1.03	34.50	1453.15	1192.2	-1.17	34.74	1467.51
20.3	-1.61	29.48	1434.36	316.4	.04	34.51	1453.66	1202.3	-1.17	34.74	1467.68
22.4	-1.61	29.46	1434.37	326.7	.10	34.53	1454.16	1212.4	-1.18	34.74	1467.79
24.7	-1.61	29.48	1434.45	337.8	.17	34.58	1454.73	1223.4	-1.18	34.74	1467.99
26.9	-1.62	29.49	1434.43	348.3	.24	34.58	1455.20	1233.6	-1.19	34.74	1468.10
29.0	-1.61	29.76	1434.91	358.7	.28	34.61	1455.58	1243.8	-1.20	34.75	1468.24
31.2	-1.50	30.20	1436.06	369.1	.29	34.61	1455.83	1254.5	-1.20	34.75	1468.41
33.8	-1.45	30.61	1436.89	379.8	.33	34.63	1456.19	1264.8	-1.21	34.74	1468.56
36.6	-1.46	30.82	1437.18	390.6	.35	34.66	1456.52	1274.9	-1.22	34.75	1468.67
38.7	-1.48	30.97	1437.32	401.1	.38	34.64	1456.78	1285.0	-1.22	34.75	1468.85
40.9	-1.47	31.04	1437.47	411.9	.39	34.66	1457.04	1295.1	-1.23	34.75	1468.99
43.1	-1.50	31.11	1437.50	422.0	.41	34.66	1457.28	1305.4	-1.23	34.76	1469.16
45.4	-1.51	31.16	1437.52	432.1	.42	34.68	1457.55	1315.8	-1.24	34.75	1469.28
47.6	-1.51	31.24	1437.68	442.4	.43	34.67	1457.73	1326.3	-1.24	34.74	1469.42
49.9	-1.50	31.25	1437.76	452.7	.45	34.68	1458.00	1336.7	-1.25	34.75	1469.60
52.1	-1.50	31.35	1437.94	462.9	.45	34.69	1458.19	1347.1	-1.25	34.76	1469.75
54.5	-1.48	31.50	1438.27	473.6	.47	34.70	1458.46	1357.4	-1.27	34.75	1469.86
56.6	-1.46	31.54	1438.49	484.1	.47	34.70	1458.65	1367.8	-1.26	34.75	1470.06
58.7	-1.45	31.62	1438.66	494.2	.47	34.70	1458.80	1378.0	-1.26	34.73	1470.19
61.1	-1.41	31.73	1439.02	504.5	.47	34.70	1458.99	1389.2	-1.28	34.77	1470.36
63.5	-1.39	31.84	1439.31	514.7	.47	34.70	1459.16	1399.5	-1.28	34.75	1470.48
66.2	-1.40	31.89	1439.39	525.8	.48	34.71	1459.37	1409.6	-1.29	34.75	1470.63
68.6	-1.40	31.92	1439.46	536.4	.47	34.72	1459.54	1420.7	-1.29	34.75	1470.79
70.8	-1.41	31.98	1439.56	547.0	.49	34.71	1459.77	1431.1	-1.29	34.76	1470.98
73.1	-1.41	32.00	1439.61	557.2	.49	34.73	1459.95	1441.3	-1.31	34.77	1471.11
75.3	-1.42	32.03	1439.64	567.4	.48	34.73	1460.11	1451.5	-1.30	34.76	1471.30
77.9	-1.42	32.10	1439.74	577.5	.49	34.74	1460.30	1462.3	-1.32	34.76	1471.40
80.5	-1.43	32.13	1439.79	587.7	.48	34.71	1460.42	1472.7	-1.32	34.77	1471.56
82.8	-1.43	32.14	1439.82	597.9	.47	34.73	1460.54	1482.9	-1.32	34.75	1471.72
84.9	-1.44	32.20	1439.90	608.2	.46	34.73	1460.66	1493.2	-1.33	34.76	1471.88
87.6	-1.44	32.22	1439.98	618.6	.46	34.72	1460.83				
90.1	-1.44	32.23	1440.06	629.0	.44	34.73	1460.95				
92.4	-1.45	32.27	1440.06	639.1	.44	34.74	1461.09				
94.6	-1.45	32.28	1440.13	649.7	.43	34.71	1461.20				
96.7	-1.45	32.30	1440.19	661.4	.42	34.72	1461.34				
99.0	-1.46	32.33	1440.23	671.9	.40	34.73	1461.46				
101.1	-1.46	32.34	1440.26	682.3	.40	34.74	1461.63				
103.7	-1.46	32.33	1440.31	693.1	.38	34.75	1461.73				
106.1	-1.47	32.35	1440.32	703.4	.37	34.74	1461.86				
108.5	-1.47	32.37	1440.36	713.7	.37	34.74	1462.01				
110.9	-1.46	32.38	1440.46	724.0	.34	34.74	1462.07				
113.3	-1.48	32.41	1440.47	734.1	.34	34.73	1462.20				
115.7	-1.48	32.45	1440.54	744.2	.33	34.72	1462.31				
118.3	-1.48	32.43	1440.56	755.1	.31	34.73	1462.42				
121.2	-1.49	32.45	1440.60	765.3	.30	34.75	1462.54				
123.4	-1.47	32.45	1440.71	775.5	.29	34.73	1462.64				
125.7	-1.49	32.51	1440.76	785.8	.27	34.73	1462.75				
128.4	-1.49	32.50	1440.79	796.3	.26	34.74	1462.88				
130.8	-1.49	32.52	1440.83	806.6	.24	34.74	1462.97				
132.9	-1.49	32.57	1440.94	818.2	.23	34.73	1463.08				
135.0	-1.50	32.57	1440.96	828.5	.21	34.74	1463.20				
137.2	-1.50	32.59	1441.01	839.0	.21	34.75	1463.36				
139.3	-1.50	32.62	1441.05	849.4	.19	34.74	1463.43				
141.8	-1.51	32.63	1441.06	859.8	.18	34.75	1463.58				
144.2	-1.53	32.65	1441.04	870.1	.16	34.74	1463.67				
146.4	-1.52	32.67	1441.15	880.5	.15	34.74	1463.80				
148.5	-1.52	32.70	1441.22	890.6	.14	34.73	1463.90				
153.6	-1.58	32.80	1441.14	900.8	.13	34.72	1463.99				
158.9	-1.54	32.79	1441.44	910.9	.11	34.75	1464.13				
164.4	-1.53	32.85	1441.65	921.1	.10	34.74	1464.23				
169.6	-1.52	32.93	1441.85	931.3	.09	34.74	1464.34				
174.8	-1.51	32.98	1442.08	942.0	.08	34.72	1464.46				
180.1	-1.49	33.07	1442.38	952.4	.07	34.72	1464.57				
185.2	-1.47	33.13	1442.66	962.6	.05	34.74	1464.70				
190.6	-1.42	33.17	1443.01	972.9	.04	34.75	1464.82				
195.8	-1.39	33.26	1443.36	983.2	.03	34.74	1464.93				
201.0	-1.32	33.34	1443.89	993.3	.02	34.74	1465.04				
206.1	-1.26	33.42	1444.38	1004.0	.01	34.74	1465.17				
211.5	-1.19	33.55	1444.95	1014.3	-.01	34.75	1465.29				
216.7	-1.08	33.66	1445.71	1024.5	-.02	34.73	1465.39				
221.9	-.99	33.79	1446.38	1034.9	-.02	34.74	1465.55				
227.4	-.88	33.91	1447.18	1045.3	-.04	34.73	1465.65				
233.2	-.80	33.96	1447.71	1055.5	-.04	34.73	1465.79				
238.4	-.70	34.08	1448.42	1065.9	-.06	34.72	1465.89				

MIZPAC 86  
DATE: 86/09/26  
LAT: 72 38.9 N

CAST# 5 DOWN  
TIME: 20:12:16  
LON: 141 24.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
.5	-1.56	29.26	1433.98	223.1	-.93	33.84	1446.80
1.5	-1.57	29.24	1433.94	228.9	-.80	34.00	1447.66
.4	-1.57	29.22	1433.93	234.5	-.71	34.08	1448.30
2.0	-1.56	29.20	1433.95	239.9	-.60	34.15	1449.02
3.1	-1.57	29.21	1433.93	245.0	-.54	34.19	1449.42
4.4	-1.57	29.19	1433.92	250.2	-.47	34.24	1449.88
5.5	-1.56	29.19	1434.00	255.5	-.44	34.28	1450.17
6.6	-1.56	29.20	1434.02	260.7	-.39	34.32	1450.57
7.7	-1.56	29.20	1434.04	266.0	-.33	34.34	1450.95
9.1	-1.59	29.19	1433.93	271.3	-.28	34.38	1451.31
10.3	-1.60	29.19	1433.87	276.5	-.22	34.42	1451.71
12.8	-1.60	29.21	1433.94	281.9	-.17	34.42	1452.03
15.2	-1.60	29.21	1433.97	287.1	-.13	34.41	1452.28
17.5	-1.60	29.20	1433.98	292.4	-.10	34.47	1452.59
19.7	-1.58	29.36	1434.33	297.8	-.05	34.48	1452.93
22.2	-1.51	29.89	1435.47	308.0	-.01	34.50	1453.33
24.4	-1.48	30.20	1436.06	318.5	.06	34.52	1453.82
26.9	-1.45	30.41	1436.53	328.8	.13	34.55	1454.35
29.2	-1.44	30.68	1436.98	339.3	.18	34.57	1454.78
31.9	-1.42	30.86	1437.35	349.4	.23	34.59	1455.21
34.2	-1.47	30.93	1437.24	359.5	.28	34.60	1455.59
36.4	-1.51	31.05	1437.24	369.6	.32	34.61	1455.96
38.7	-1.51	31.08	1437.31	379.9	.34	34.62	1456.26
40.8	-1.52	31.06	1437.26	390.1	.36	34.64	1456.53
42.9	-1.54	31.15	1437.37	401.1	.38	34.63	1456.78
45.1	-1.53	31.22	1437.55	411.5	.39	34.64	1457.03
47.2	-1.50	31.24	1437.70	422.4	.40	34.65	1457.25
49.4	-1.51	31.36	1437.88	432.9	.42	34.67	1457.53
51.6	-1.49	31.37	1438.03	443.8	.43	34.68	1457.75
54.0	-1.46	31.51	1438.40	454.6	.43	34.69	1457.96
56.2	-1.44	31.61	1438.66	464.7	.45	34.68	1458.19
58.4	-1.41	31.67	1438.91	475.2	.45	34.67	1458.38
60.7	-1.40	31.77	1439.14	486.4	.45	34.70	1458.58
62.9	-1.39	31.83	1439.28	497.0	.46	34.67	1458.79
65.0	-1.40	31.87	1439.36	507.5	.45	34.71	1458.97
67.2	-1.41	31.95	1439.45	517.7	.46	34.69	1459.15
69.3	-1.41	31.98	1439.51	527.8	.47	34.69	1459.36
71.6	-1.42	32.00	1439.54	537.9	.47	34.70	1459.53
73.7	-1.42	32.04	1439.63	548.1	.47	34.70	1459.71
77.0	-1.42	32.06	1439.68	558.7	.48	34.71	1459.91
79.2	-1.42	32.10	1439.76	569.2	.48	34.71	1460.09
81.4	-1.43	32.13	1439.82	579.3	.47	34.72	1460.26
83.6	-1.43	32.17	1439.90	589.4	.47	34.70	1460.39
85.7	-1.43	32.20	1439.97	599.6	.47	34.70	1460.55
87.8	-1.44	32.22	1439.99	610.2	.47	34.71	1460.72
90.3	-1.44	32.23	1440.05	620.7	.45	34.73	1460.86
92.5	-1.44	32.24	1440.10	630.8	.45	34.71	1460.97
94.7	-1.45	32.26	1440.13	641.7	.44	34.73	1461.16
97.0	-1.45	32.31	1440.22	652.3	.43	34.72	1461.25
99.6	-1.45	32.32	1440.27	662.7	.42	34.71	1461.36
102.1	-1.46	32.36	1440.29	673.0	.41	34.73	1461.52
104.4	-1.47	32.35	1440.27	683.2	.41	34.72	1461.66
106.7	-1.47	32.37	1440.37	693.6	.39	34.73	1461.79
108.8	-1.47	32.41	1440.46	704.6	.38	34.70	1461.87
111.1	-1.48	32.44	1440.48	715.0	.37	34.72	1462.03
113.5	-1.47	32.42	1440.52	725.1	.35	34.72	1462.11
115.6	-1.47	32.45	1440.58	735.5	.33	34.74	1462.22
117.8	-1.48	32.48	1440.63				
119.9	-1.49	32.50	1440.63				
122.4	-1.50	32.53	1440.70				
124.8	-1.49	32.53	1440.76				
127.0	-1.50	32.55	1440.80				
129.3	-1.50	32.58	1440.86				
131.5	-1.50	32.62	1440.94				
133.7	-1.50	32.60	1440.96				
136.4	-1.51	32.62	1440.98				
138.6	-1.52	32.70	1441.06				
141.0	-1.51	32.68	1441.12				
143.3	-1.51	32.66	1441.15				
145.4	-1.52	32.74	1441.22				
147.5	-1.51	32.71	1441.27				
149.9	-1.51	32.76	1441.36				
155.5	-1.53	32.82	1441.48				
160.6	-1.53	32.85	1441.61				
165.7	-1.52	32.91	1441.78				
170.8	-1.52	32.95	1441.91				
175.9	-1.51	33.03	1442.16				
181.0	-1.49	33.10	1442.45				
186.5	-1.46	33.17	1442.77				
192.0	-1.40	33.22	1443.21				
197.1	-1.36	33.31	1443.60				
202.3	-1.29	33.41	1444.17				
207.5	-1.23	33.52	1444.67				
212.8	-1.14	33.59	1445.26				
218.0	-1.01	33.78	1446.21				



MIZPAC 86  
 DATE: 86/09/29  
 LAT: 71 29.5 N

CAST# 6 DOWN  
 TIME: 03:54:09  
 LON: 147 23.6 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
.3	-.77	27.70	1435.74	231.4	-.39	34.32	1450.10
1.4	-.77	27.72	1435.76	236.9	-.32	34.39	1450.63
.2	-.77	27.70	1435.72	242.1	-.27	34.39	1450.94
1.3	-.78	27.69	1435.69	247.7	-.20	34.40	1451.36
2.5	-.77	27.67	1435.71	253.0	-.16	34.46	1451.70
3.6	-.77	27.69	1435.74	258.3	-.10	34.45	1452.09
4.7	-.76	27.66	1435.78	264.0	-.04	34.49	1452.47
6.1	-.78	27.67	1435.75	269.2	.02	34.51	1452.86
7.5	-.78	27.73	1435.85	274.8	.07	34.52	1453.18
8.8	-.72	27.88	1436.35	280.1	.09	34.54	1453.43
10.4	.01	28.42	1440.54	285.4	.14	34.55	1453.73
12.6	.83	29.16	1445.30	290.6	.16	34.54	1453.92
14.7	1.77	29.95	1450.61	295.7	.20	34.56	1454.21
17.1	2.43	29.23	1452.65	301.0	.23	34.59	1454.44
19.5	-.29	30.95	1442.64	311.5	.26	34.59	1454.78
21.7	1.66	31.16	1451.85	321.9	.29	34.61	1455.11
23.8	3.71	31.29	1460.93	332.8	.33	34.63	1455.48
26.4	3.68	30.86	1460.32	343.1	.34	34.63	1455.71
28.7	3.34	31.05	1459.14	353.3	.36	34.65	1455.98
31.1	3.83	31.97	1462.44	363.7	.36	34.64	1456.16
33.2	4.33	31.60	1464.09	374.2	.38	34.64	1456.41
35.6	4.27	31.57	1463.85	384.3	.39	34.66	1456.63
38.2	4.22	31.62	1463.76	394.4	.40	34.68	1456.86
40.5	4.30	31.65	1464.18	404.5	.41	34.66	1457.05
42.7	4.30	31.69	1464.25	414.9	.42	34.66	1457.27
44.8	4.27	31.71	1464.21	425.4	.42	34.67	1457.48
46.9	4.16	31.66	1463.68	435.5	.42	34.68	1457.63
49.3	3.96	31.84	1463.14	445.6	.42	34.68	1457.80
51.7	3.87	31.77	1462.69	456.1	.43	34.70	1458.03
53.8	3.78	31.75	1462.34	467.0	.43	34.70	1458.22
56.3	3.38	31.69	1460.58	477.2	.43	34.69	1458.40
58.4	3.14	31.67	1459.59	487.7	.45	34.70	1458.63
60.5	2.55	31.85	1457.30	498.1	.45	34.71	1458.82
62.7	2.65	31.95	1457.86	508.5	.45	34.71	1459.01
65.4	2.38	31.77	1456.52	518.8	.45	34.72	1459.17
67.6	2.14	32.32	1456.22	529.2	.44	34.71	1459.31
69.9	2.66	32.05	1458.18	539.7	.42	34.70	1459.39
72.7	2.43	31.80	1456.90	550.4	.41	34.71	1459.51
75.2	1.98	31.90	1455.11	560.8	.40	34.72	1459.67
77.3	2.06	32.00	1455.62	571.0	.39	34.72	1459.75
79.9	1.56	31.66	1452.98	582.0	.38	34.74	1459.93
82.3	.99	32.23	1451.20	592.1	.37	34.70	1460.01
84.9	.73	31.49	1449.11	602.7	.36	34.73	1460.17
87.0	.16	32.05	1447.30	612.9	.35	34.71	1460.26
89.2	.01	31.42	1445.77	623.1	.33	34.72	1460.37
91.5	-.21	32.12	1445.74	633.4	.32	34.71	1460.46
93.6	-.05	31.95	1446.31	644.4	.32	34.72	1460.66
96.1	-.25	32.09	1445.58	654.7	.30	34.70	1460.74
98.5	-.25	32.02	1445.53	664.9	.29	34.71	1460.85
100.9	-.36	32.30	1445.44	675.9	.27	34.72	1460.96
103.0	-.45	32.13	1444.82	686.1	.26	34.71	1461.04
105.4	-.62	32.22	1444.18	696.5	.24	34.72	1461.18
107.5	-.70	32.23	1443.85	707.6	.22	34.73	1461.28
109.6	-.69	32.31	1444.05	717.8	.22	34.72	1461.42
112.3	-.82	32.20	1443.33	728.5	.20	34.72	1461.50
115.2	-1.02	32.35	1442.63				
117.6	-.78	32.42	1443.90				
120.2	-.76	32.21	1443.76				
122.7	-.91	32.48	1443.47				
125.0	-.76	32.39	1444.11				
127.2	-.94	32.18	1443.00				
129.3	-1.18	32.53	1442.34				
131.7	-1.36	32.40	1441.34				
133.8	-1.40	32.42	1441.25				
136.1	-1.42	32.44	1441.18				
138.6	-1.46	32.51	1441.15				
141.0	-1.46	32.52	1441.19				
143.6	-1.48	32.55	1441.18				
146.1	-1.50	32.59	1441.19				
148.3	-1.42	32.58	1441.59				
150.5	-1.49	32.68	1441.40				
155.6	-1.53	32.74	1441.40				
161.0	-1.53	32.87	1441.67				
166.6	-1.53	33.01	1441.93				
172.3	-1.51	33.11	1442.28				
177.6	-1.47	33.20	1442.67				
183.1	-1.37	33.34	1443.40				
188.6	-1.28	33.48	1444.11				
193.9	-1.16	33.66	1445.02				
199.2	-1.02	33.87	1446.03				
204.9	-.86	33.95	1446.98				
210.0	-.71	34.12	1447.99				
215.3	-.62	34.16	1448.59				
220.5	-.52	34.29	1449.32				
225.9	-.45	34.31	1449.73				

MIZPAC 86  
 DATE: 86/09/29  
 LAT: 72 01.2 N  
 CAST# 7 DOWN  
 TIME: 14:21:24  
 LON: 147 55.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
.3	-1.48	27.90	1432.59	244.7	-.37	34.31	1450.42
1.6	-1.48	27.96	1432.68	249.9	-.33	34.36	1450.77
3.4	-1.48	27.99	1432.74	255.1	-.27	34.39	1451.14
4.7	-1.48	28.01	1432.83	260.4	-.21	34.41	1451.50
5.9	-1.48	28.04	1432.89	265.5	-.16	34.43	1451.87
7.3	-1.48	28.04	1432.92	271.0	-.13	34.45	1452.14
8.6	-1.47	28.06	1432.97	276.5	-.08	34.44	1452.42
10.1	-1.47	28.02	1432.97	282.2	-.05	34.47	1452.70
13.4	-1.47	28.10	1433.12	287.3	-.02	34.49	1452.93
15.5	-1.48	28.05	1433.02	292.9	.02	34.49	1453.24
17.9	-1.53	28.09	1432.92	298.2	.05	34.50	1453.47
20.0	-1.54	28.15	1432.95	308.7	.11	34.56	1453.98
22.1	-1.53	28.33	1433.28	319.3	.18	34.56	1454.46
24.6	-1.17	31.47	1439.31	329.5	.22	34.57	1454.84
26.8	-.64	31.12	1441.35	340.0	.25	34.59	1455.19
29.3	-.08	32.27	1445.53	350.4	.30	34.59	1455.57
32.0	0.00	31.58	1445.03	360.6	.32	34.61	1455.87
34.2	-.20	31.19	1443.62	371.0	.35	34.62	1456.17
36.4	-.26	31.68	1444.02	381.8	.36	34.62	1456.42
38.5	.15	32.21	1446.67	391.9	.38	34.64	1456.66
40.7	.48	31.16	1446.80	402.2	.38	34.63	1456.85
42.8	.73	31.67	1448.69	412.6	.40	34.65	1457.12
45.0	1.45	31.65	1451.90	423.0	.41	34.67	1457.38
47.4	2.33	32.42	1456.84	433.1	.42	34.64	1457.55
49.7	3.16	31.25	1458.98	443.3	.42	34.67	1457.75
52.2	2.45	30.93	1455.51	453.8	.42	34.68	1457.95
54.8	.75	30.90	1447.93	464.3	.43	34.68	1458.14
56.9	.50	31.49	1447.61	474.4	.44	34.67	1458.37
59.3	.23	31.29	1446.13	485.1	.45	34.68	1458.57
61.4	.14	31.34	1445.85	495.6	.45	34.68	1458.75
64.0	-.26	31.35	1444.01	505.9	.46	34.68	1458.97
66.5	-.52	31.56	1443.15	516.4	.46	34.70	1459.17
68.6	-.46	31.59	1443.51	527.4	.46	34.70	1459.36
70.7	-.60	31.67	1443.00	538.0	.46	34.71	1459.55
73.3	.11	31.62	1446.25	548.2	.46	34.71	1459.70
75.6	-.69	31.78	1442.77	558.3	.46	34.70	1459.87
77.7	-.81	31.81	1442.30	569.2	.46	34.70	1460.05
79.8	-.75	31.88	1442.69	579.6	.45	34.70	1460.17
82.0	-.62	31.90	1443.36	589.9	.43	34.71	1460.26
84.1	-.68	31.95	1443.21	600.0	.43	34.70	1460.39
86.2	-.49	31.90	1444.03	610.2	.41	34.71	1460.52
88.5	-.72	32.01	1443.18	620.6	.40	34.71	1460.64
90.8	-.71	32.05	1443.30	630.7	.40	34.69	1460.78
93.0	-.63	31.99	1443.64	641.0	.40	34.72	1460.96
95.2	-.82	32.16	1442.98	651.1	.39	34.71	1461.08
97.3	-.88	32.04	1442.58	661.2	.37	34.72	1461.16
99.4	-.77	32.30	1443.50	671.6	.36	34.72	1461.27
101.5	-.54	32.23	1444.52	682.0	.34	34.72	1461.37
104.5	-.59	32.21	1444.28	692.4	.33	34.72	1461.52
107.1	-.64	32.25	1444.16	702.5	.31	34.73	1461.61
110.3	-.82	32.23	1443.35	712.7	.29	34.73	1461.68
112.4	-.90	32.29	1443.08	723.2	.28	34.71	1461.78
114.8	-.84	32.28	1443.40	733.3	.27	34.71	1461.88
116.9	-.86	32.32	1443.40				
119.0	-.94	32.32	1443.02				
121.3	-1.04	32.23	1442.48				
123.5	-1.21	32.40	1441.93				
125.9	-1.17	32.39	1442.18				
128.0	-1.14	32.46	1442.41				
130.1	-1.19	32.54	1442.31				
132.5	-1.31	32.40	1441.59				
134.8	-1.43	32.50	1441.22				
137.5	-1.34	32.55	1441.75				
139.8	-1.29	32.58	1442.05				
142.3	-1.32	32.59	1441.97				
144.6	-1.35	32.62	1441.91				
147.0	-1.40	32.64	1441.75				
149.4	-1.45	32.68	1441.61				
154.6	-1.34	32.76	1442.32				
160.1	-1.36	32.85	1442.44				
165.5	-1.47	32.97	1442.17				
170.8	-1.47	33.09	1442.40				
176.1	-1.45	33.21	1442.75				
181.2	-1.40	33.34	1443.22				
186.5	-1.29	33.44	1443.98				
191.8	-1.17	33.53	1444.77				
197.4	-1.09	33.68	1445.44				
202.6	-.97	33.84	1446.27				
207.8	-.85	33.92	1447.06				
213.1	-.75	34.01	1447.73				
218.5	-.67	34.10	1448.30				
223.7	-.57	34.18	1448.96				
229.4	-.52	34.21	1449.33				
234.5	-.47	34.24	1449.69				
239.6	-.41	34.29	1450.09				

MIZPAC 86  
 DATE: 86/09/29  
 LAT: 72 00.2 N

CAST# 8 DOWN  
 TIME: 17:33:47  
 LON: 149 06.1 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.2	-.66	28.21	1436.93	214.0	-.99	33.84	1446.35
0.0	-.67	28.22	1436.86	219.7	-.86	33.96	1447.26
1.1	-.66	28.22	1436.95	224.8	-.78	34.00	1447.77
0.0	-.66	28.22	1436.96	230.5	-.72	34.08	1448.26
1.2	-.67	28.22	1436.90	235.6	-.64	34.16	1448.79
.1	-.69	28.23	1436.82	240.7	-.57	34.21	1449.28
1.8	-.69	28.24	1436.84	245.9	-.51	34.25	1449.70
3.0	-.67	28.22	1436.95	251.0	-.46	34.32	1450.12
4.4	-.67	28.25	1437.00	256.6	-.39	34.34	1450.53
5.8	-.66	28.23	1437.05	262.1	-.33	34.34	1450.91
7.0	-.65	28.23	1437.09	267.5	-.29	34.39	1451.26
8.1	-.64	28.24	1437.17	272.9	-.22	34.41	1451.66
9.7	-.62	28.22	1437.29	278.3	-.14	34.43	1452.20
11.9	-.07	28.55	1440.33	283.8	-.08	34.47	1452.60
14.5	.65	28.93	1444.23	289.1	-.03	34.48	1452.93
16.7	.95	29.15	1445.91	294.2	.01	34.50	1453.22
18.8	1.22	29.60	1447.76	299.9	.07	34.52	1453.59
21.1	1.66	29.93	1450.19	310.6	.16	34.55	1454.22
23.7	1.64	30.30	1450.64	320.7	.22	34.59	1454.71
25.8	1.56	30.36	1450.40	331.0	.30	34.59	1455.28
27.9	2.02	31.50	1453.98	341.8	.34	34.63	1455.65
30.2	2.54	31.35	1456.08	352.0	.36	34.61	1455.91
32.3	2.95	31.34	1457.88	362.4	.37	34.64	1456.13
34.5	2.66	31.08	1456.32	373.2	.38	34.64	1456.37
36.7	2.13	31.10	1454.08	383.5	.39	34.65	1456.61
38.9	1.93	31.18	1453.34	393.8	.41	34.67	1456.88
41.5	1.45	30.90	1450.89	404.8	.42	34.66	1457.12
43.6	.89	31.13	1448.71	414.9	.43	34.68	1457.33
46.1	.84	31.41	1448.85	425.0	.44	34.68	1457.55
48.2	1.04	31.30	1449.66	435.1	.45	34.66	1457.73
50.4	.79	31.17	1448.40	445.2	.44	34.69	1457.89
52.7	.62	31.24	1447.77	455.7	.44	34.69	1458.06
54.8	.30	31.38	1446.50	466.5	.45	34.69	1458.31
57.0	.52	31.47	1447.67	476.6	.46	34.70	1458.51
59.3	.47	31.59	1447.61	487.2	.47	34.69	1458.72
61.5	.55	31.61	1448.07	497.7	.48	34.69	1458.92
63.6	.29	31.60	1446.90	507.8	.47	34.72	1459.09
65.7	.52	31.60	1447.99	518.4	.48	34.71	1459.28
67.9	.23	31.65	1446.75	528.9	.48	34.69	1459.43
70.4	.27	31.80	1447.17	539.1	.46	34.70	1459.53
73.0	.47	32.17	1448.61	549.8	.44	34.72	1459.66
75.1	1.15	32.13	1451.68	560.1	.44	34.70	1459.80
77.2	1.35	31.98	1452.44	570.2	.42	34.73	1459.92
79.7	1.23	31.97	1451.91	581.3	.40	34.72	1460.00
81.8	.51	30.99	1447.38	591.4	.39	34.72	1460.12
84.1	.56	32.34	1449.43	602.0	.39	34.71	1460.25
86.5	.90	32.07	1450.66	612.5	.38	34.72	1460.40
88.8	.58	31.69	1448.75	622.8	.36	34.71	1460.46
90.9	-.13	31.59	1445.37	633.7	.34	34.72	1460.58
93.3	-.02	32.08	1446.58	644.3	.34	34.71	1460.72
95.6	-.00	32.15	1446.80	654.8	.31	34.74	1460.79
97.8	-.02	32.24	1446.87	664.9	.31	34.71	1460.94
100.2	-.17	32.08	1446.03	675.6	.29	34.71	1461.02
102.3	-.21	32.17	1445.96	685.9	.28	34.70	1461.15
104.9	-.31	32.10	1445.46	696.0	.25	34.72	1461.21
107.2	-.20	32.23	1446.20	706.6	.24	34.71	1461.31
109.5	-.55	32.01	1444.28	716.7	.22	34.72	1461.40
111.6	-.80	32.21	1443.41	727.0	.21	34.72	1461.52
113.8	-.99	32.18	1442.50	738.1	.19	34.73	1461.63
116.2	-1.02	32.22	1442.46	748.8	.18	34.72	1461.76
118.4	-.86	32.43	1443.53				
120.6	-.52	32.35	1445.09				
122.8	-.43	32.33	1445.49				
124.9	-.85	32.39	1443.66				
127.8	-.98	32.34	1443.02				
129.8	-.99	32.36	1443.04				
131.9	-.78	32.44	1444.15				
134.9	-.78	32.43	1444.18				
137.2	-.92	32.43	1443.55				
139.4	-.98	32.41	1443.32				
142.0	-1.02	32.47	1443.24				
144.4	-1.14	32.47	1442.70				
146.6	-1.26	32.46	1442.14				
149.3	-1.32	32.52	1441.98				
154.5	-1.39	32.53	1441.75				
160.1	-1.35	32.64	1442.17				
165.6	-1.28	32.67	1442.65				
171.0	-1.43	32.83	1442.25				
176.1	-1.30	32.94	1443.08				
181.2	-1.35	32.96	1442.95				
186.9	-1.44	33.00	1442.66				
192.4	-1.44	33.19	1443.01				
197.8	-1.39	33.35	1443.57				
203.3	-1.25	33.54	1444.55				
208.4	-1.11	33.70	1445.50				



MIZPAC 86  
DATE: 86/09/29  
LAT: 71 29.0 N

CAST# 9 DOWN  
TIME: 21:25:30  
LON: 149 09.3 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.2	1.11	29.21	1446.48	234.5	.26	34.57	1453.46
0.0	1.12	29.25	1446.57	239.7	.27	34.58	1453.63
1.3	1.12	29.25	1446.59	244.9	.28	34.59	1453.74
3.2	1.12	29.20	1446.53	250.0	.29	34.61	1453.91
4.5	1.13	29.22	1446.61	255.1	.30	34.60	1454.06
5.7	1.15	29.26	1446.76	260.6	.31	34.62	1454.19
6.8	1.13	29.21	1446.66	265.9	.32	34.61	1454.32
8.1	1.13	29.22	1446.68	271.0	.33	34.61	1454.46
9.4	1.13	29.24	1446.73	276.2	.34	34.62	1454.57
11.7	1.13	29.23	1446.75	281.3	.34	34.62	1454.65
13.9	1.30	29.61	1448.08	286.5	.35	34.62	1454.78
16.1	2.00	29.65	1451.28	291.8	.35	34.63	1454.89
18.5	2.09	29.69	1451.78	296.9	.36	34.63	1455.02
20.6	2.18	29.76	1452.30	307.3	.37	34.64	1455.26
22.7	2.56	30.04	1454.35	317.8	.38	34.68	1455.51
25.4	2.74	30.21	1455.40	328.4	.39	34.66	1455.72
27.5	2.74	30.44	1455.72	338.8	.41	34.66	1455.97
29.8	3.29	30.82	1458.64	349.3	.41	34.68	1456.15
31.9	3.13	30.94	1458.15	359.6	.41	34.67	1456.34
34.2	2.89	31.27	1457.58	369.9	.42	34.67	1456.53
36.3	2.76	31.50	1457.35	381.0	.41	34.68	1456.70
38.4	2.65	31.49	1456.91	391.1	.42	34.68	1456.91
41.0	2.59	31.58	1456.79	401.4	.42	34.68	1457.09
43.1	2.49	31.62	1456.44	412.1	.42	34.67	1457.22
45.4	2.26	31.66	1455.50	422.2	.42	34.68	1457.41
47.7	2.00	31.75	1454.54	432.9	.41	34.68	1457.57
49.8	1.80	31.76	1453.72	443.8	.42	34.69	1457.79
52.4	1.70	31.84	1453.38	453.9	.41	34.68	1457.89
54.7	1.59	31.85	1452.95	464.0	.41	34.71	1458.08
57.0	1.34	31.96	1452.01	474.5	.42	34.70	1458.28
59.3	1.30	31.93	1451.83	485.1	.41	34.70	1458.41
61.6	1.10	32.05	1451.14	495.6	.40	34.69	1458.52
63.9	.89	31.95	1450.10	505.9	.39	34.70	1458.68
66.1	.55	32.00	1448.68	516.6	.38	34.70	1458.79
68.3	.37	32.09	1447.99	526.7	.38	34.70	1458.96
70.4	.43	32.16	1448.39	537.1	.36	34.71	1459.06
72.5	.29	32.14	1447.75	548.6	.36	34.69	1459.21
74.6	.07	32.12	1446.75	559.3	.35	34.69	1459.38
77.0	-.02	32.21	1446.48	569.4	.34	34.71	1459.51
79.2	-.15	32.25	1445.99	579.7	.32	34.72	1459.62
81.9	-.40	32.19	1444.81	590.1	.31	34.73	1459.72
84.2	-.61	32.23	1443.89	600.3	.30	34.73	1459.86
86.3	-.85	32.30	1442.89	610.8	.29	34.70	1459.95
88.4	-.93	32.37	1442.67	621.2	.28	34.71	1460.10
90.5	-.92	32.46	1442.86	631.5	.27	34.71	1460.22
92.8	-.89	32.38	1442.91	642.1	.26	34.73	1460.36
94.9	-1.06	32.41	1442.19	652.4	.25	34.73	1460.46
97.0	-1.07	32.53	1442.33	663.0	.24	34.72	1460.58
99.1	-1.22	32.49	1441.64	673.2	.22	34.72	1460.70
101.2	-1.30	32.60	1441.43	683.5	.21	34.71	1460.78
103.5	-1.29	32.61	1441.52	693.9	.20	34.71	1460.94
106.1	-1.20	32.64	1442.01	704.0	.19	34.72	1461.07
108.6	-1.30	32.70	1441.66	714.6	.18	34.73	1461.19
111.1	-1.39	32.80	1441.43	724.9	.16	34.73	1461.28
114.2	-1.37	32.87	1441.67				
116.3	-1.36	32.93	1441.85				
118.7	-1.23	33.07	1442.67				
120.9	-1.30	33.12	1442.46				
123.2	-1.28	33.17	1442.63				
125.6	-1.25	33.22	1442.87				
127.9	-1.28	33.30	1442.88				
130.0	-1.24	33.40	1443.27				
132.4	-1.10	33.46	1444.02				
134.9	-1.01	33.63	1444.75				
137.2	-.95	33.65	1445.06				
139.5	-.93	33.67	1445.25				
141.8	-.91	33.79	1445.52				
143.9	-.85	33.88	1445.97				
146.3	-.81	33.89	1446.21				
148.5	-.76	33.96	1446.56				
154.2	-.67	34.06	1447.20				
159.4	-.53	34.20	1448.14				
164.5	-.39	34.29	1448.98				
170.1	-.23	34.40	1449.95				
175.6	-.15	34.41	1450.44				
181.3	-.07	34.48	1450.96				
186.8	-.02	34.51	1451.33				
191.9	0.00	34.51	1451.52				
197.5	.07	34.53	1451.94				
203.2	.11	34.55	1452.23				
208.4	.15	34.55	1452.52				
213.5	.16	34.53	1452.62				
218.6	.17	34.55	1452.78				
224.0	.22	34.58	1453.14				
229.1	.24	34.59	1453.34				

MIZPAC 86  
 DATE: 86/09/30  
 LAT: 72 00.0 N

CAST# 10 DOWN  
 TIME: 02:27:08  
 LON: 150 59.4 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.4	-.54	28.64	1438.12	219.5	.33	34.58	1453.57
.1	-.55	28.64	1438.03	224.6	.34	34.59	1453.71
1.2	-.56	28.64	1438.00	230.3	.34	34.60	1453.82
0.0	-.57	28.64	1437.94	235.5	.35	34.58	1453.93
1.4	-.57	28.60	1437.93	240.8	.35	34.60	1454.07
2.8	-.58	28.62	1437.93	245.9	.36	34.60	1454.19
4.2	-.57	28.67	1438.05	251.4	.36	34.61	1454.29
5.9	-.57	28.63	1438.02	256.6	.37	34.62	1454.42
7.1	-.53	28.62	1438.21	261.8	.37	34.62	1454.50
8.2	-.57	28.63	1438.06	266.9	.37	34.62	1454.58
9.7	-.57	28.65	1438.10	272.0	.39	34.61	1454.74
11.8	-.57	28.64	1438.13	277.5	.40	34.62	1454.89
14.1	-.48	28.82	1438.82	282.9	.40	34.65	1455.04
16.5	.99	29.32	1446.33	288.2	.41	34.62	1455.13
18.7	.89	29.35	1445.95	293.9	.42	34.65	1455.30
21.0	1.27	29.54	1447.95	299.0	.42	34.65	1455.40
23.4	1.51	29.82	1449.45	309.3	.43	34.66	1455.62
25.5	1.77	30.18	1451.11	319.4	.43	34.66	1455.75
27.6	2.03	30.28	1452.42	329.9	.43	34.67	1455.97
29.7	2.68	30.81	1456.00	340.3	.43	34.67	1456.11
31.7	3.55	30.91	1459.91	351.4	.43	34.66	1456.31
34.1	3.47	30.86	1459.57	361.8	.44	34.66	1456.52
36.6	4.33	31.19	1463.66	372.2	.45	34.68	1456.77
38.8	3.66	31.07	1460.71	382.4	.45	34.68	1456.94
41.0	3.67	31.33	1461.12	392.5	.44	34.67	1457.03
43.3	3.72	31.49	1461.58	402.6	.44	34.67	1457.19
45.4	4.16	31.56	1463.55	412.7	.43	34.70	1457.35
47.6	3.74	31.47	1461.71	423.1	.42	34.69	1457.48
50.2	3.26	31.76	1460.08	433.3	.42	34.69	1457.63
52.3	3.14	31.87	1459.74	443.7	.41	34.68	1457.75
54.4	2.98	31.91	1459.13	454.1	.40	34.68	1457.86
56.5	2.87	31.90	1458.67	464.8	.38	34.69	1457.98
58.6	2.65	32.08	1457.98	475.4	.38	34.68	1458.10
60.8	2.36	31.75	1456.36	485.6	.37	34.68	1458.24
63.0	1.43	32.23	1452.91	495.9	.34	34.69	1458.30
65.4	.07	32.15	1446.68	506.1	.34	34.68	1458.46
67.5	-.20	31.95	1445.19	516.5	.33	34.69	1458.59
69.6	-1.03	32.46	1442.04	526.9	.30	34.69	1458.64
71.8	-.95	32.56	1442.55	537.0	.29	34.69	1458.74
73.9	-1.04	32.55	1442.15	547.6	.29	34.70	1458.92
76.1	-1.10	32.56	1441.95	558.2	.28	34.71	1459.07
78.6	-1.10	32.66	1442.09	569.0	.27	34.71	1459.20
81.0	-1.07	32.69	1442.32	579.2	.26	34.69	1459.29
83.1	-1.00	32.73	1442.76	590.0	.24	34.71	1459.42
85.5	-1.00	32.74	1442.81	600.2	.23	34.70	1459.52
87.8	-.99	32.86	1443.02	610.4	.20	34.70	1459.56
89.9	-.99	32.91	1443.15	621.2	.20	34.70	1459.74
92.2	-1.23	32.90	1442.03	631.4	.19	34.70	1459.84
94.3	-1.23	33.02	1442.24	641.6	.17	34.70	1459.94
96.6	-.92	33.19	1443.96	651.7	.17	34.69	1460.08
99.1	-.97	33.20	1443.80	661.9	.15	34.69	1460.15
101.7	-1.00	33.27	1443.77	672.4	.14	34.70	1460.30
103.9	-1.11	33.37	1443.44	682.8	.13	34.69	1460.40
106.1	-1.16	33.47	1443.33	693.2	.11	34.71	1460.49
108.2	-1.12	33.56	1443.71	703.5	.09	34.70	1460.59
110.3	-1.10	33.58	1443.85	713.6	.09	34.70	1460.73
112.6	-1.04	33.72	1444.37	723.7	.07	34.69	1460.79
114.8	-.88	33.75	1445.18	733.8	.06	34.69	1460.94
116.9	-.87	33.81	1445.36				
119.1	-.88	33.83	1445.35				
121.8	-.87	33.92	1445.57				
124.3	-.80	33.97	1446.04				
126.4	-.76	34.06	1446.38				
128.9	-.73	34.07	1446.57				
131.0	-.68	34.09	1446.83				
133.2	-.64	34.18	1447.17				
135.4	-.54	34.21	1447.73				
137.8	-.42	34.32	1448.47				
140.0	-.31	34.32	1449.02				
142.7	-.28	34.28	1449.14				
145.5	-.29	34.29	1449.14				
148.0	-.29	34.32	1449.22				
150.3	-.20	34.42	1449.83				
155.5	-.03	34.45	1450.74				
161.4	-.01	34.44	1450.90				
166.7	.01	34.45	1451.10				
172.2	.03	34.47	1451.30				
177.5	.06	34.48	1451.52				
182.8	.09	34.47	1451.75				
187.9	.14	34.52	1452.11				
193.0	.17	34.53	1452.35				
198.2	.21	34.55	1452.66				
203.5	.25	34.55	1452.91				
209.2	.27	34.56	1453.13				
214.4	.29	34.59	1453.33				

MIZPAC 86  
 DATE: 86/09/30  
 LAT: 72 14.9

CAST# 11 DOWN  
 TIME: 05:36:45  
 LON: 151 04.0 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
.2	-1.18	28.85	1435.32	187.3	-.71	34.12	1447.66
1.9	-1.19	28.87	1435.34	192.6	-.64	34.15	1448.13
.7	-1.19	28.86	1435.31	198.6	-.54	34.24	1448.78
1.8	-1.19	28.85	1435.31	203.9	-.50	34.23	1449.08
.5	-1.19	28.85	1435.27	209.3	-.43	34.30	1449.55
1.8	-1.19	28.84	1435.28	214.5	-.36	34.36	1450.07
.7	-1.19	28.86	1435.29	220.1	-.23	34.38	1450.77
1.8	-1.19	28.87	1435.32	225.5	-.19	34.40	1451.07
.6	-1.19	28.84	1435.26	230.7	-.11	34.44	1451.57
1.9	-1.19	28.82	1435.26	235.8	-.06	34.46	1451.88
.8	-1.19	28.84	1435.28	240.9	-.02	34.47	1452.21
2.5	-1.20	28.85	1435.26	246.2	.03	34.47	1452.50
3.6	-1.19	28.85	1435.34	252.0	.09	34.52	1452.94
4.8	-1.19	28.82	1435.29	257.2	.13	34.52	1453.20
5.9	-1.19	28.85	1435.37	262.3	.17	34.53	1453.48
7.5	-1.20	28.84	1435.33	267.5	.20	34.55	1453.73
8.8	-1.21	28.87	1435.36	272.7	.24	34.55	1454.00
10.4	-1.20	28.86	1435.41	278.4	.26	34.58	1454.21
12.6	-1.19	28.87	1435.50	283.6	.28	34.56	1454.38
15.0	-1.07	28.95	1436.25	288.7	.30	34.59	1454.59
17.2	1.84	30.10	1451.19	294.2	.32	34.60	1454.80
19.3	2.75	30.41	1455.60	299.3	.35	34.61	1455.00
21.4	3.20	30.49	1457.71	309.6	.36	34.60	1455.24
23.5	3.10	30.46	1457.27	320.1	.38	34.61	1455.48
25.6	3.53	30.85	1459.65	330.6	.38	34.63	1455.70
28.3	4.72	31.03	1464.92	340.7	.39	34.64	1455.93
30.7	4.85	31.06	1465.53	350.8	.41	34.64	1456.14
33.0	4.84	31.23	1465.75	360.9	.42	34.66	1456.39
35.4	4.83	31.24	1465.76	371.4	.43	34.64	1456.59
37.8	4.74	31.28	1465.50	381.7	.43	34.66	1456.82
40.3	4.70	31.34	1465.45	391.8	.43	34.67	1456.98
42.4	4.66	31.30	1465.24	402.6	.45	34.66	1457.21
44.6	4.58	31.35	1465.02	412.7	.44	34.69	1457.39
46.8	4.57	31.45	1465.15	422.9	.45	34.67	1457.59
49.0	4.67	31.47	1465.62	433.8	.46	34.70	1457.80
51.3	4.76	31.52	1466.09	444.1	.46	34.68	1457.99
53.5	4.55	31.54	1465.29	454.5	.47	34.69	1458.19
56.0	4.42	31.66	1464.95	465.2	.47	34.68	1458.34
58.4	4.45	31.69	1465.14	476.2	.47	34.69	1458.54
60.5	4.35	31.71	1464.78	486.5	.47	34.69	1458.71
62.8	4.23	31.73	1464.34	496.9	.45	34.70	1458.82
64.9	4.08	31.80	1463.84	508.1	.43	34.69	1458.89
67.0	3.96	31.82	1463.42	518.4	.42	34.70	1459.05
69.2	3.76	31.71	1462.46	529.1	.42	34.69	1459.19
71.6	3.52	31.88	1461.70	539.7	.39	34.69	1459.24
74.0	3.26	31.98	1460.74	549.8	.37	34.69	1459.32
76.5	3.02	31.96	1459.75	559.9	.37	34.70	1459.49
78.8	2.68	31.96	1458.30	570.4	.36	34.69	1459.62
81.0	1.34	31.82	1452.27	580.8	.36	34.70	1459.77
83.1	1.13	32.09	1451.70	591.2	.34	34.69	1459.87
85.3	.70	32.03	1449.70	601.7	.32	34.70	1459.97
87.8	.92	32.26	1451.06	612.0	.31	34.70	1460.09
90.2	.28	32.15	1448.01	622.4	.31	34.70	1460.25
92.3	.33	32.27	1448.43	632.9	.29	34.71	1460.35
94.7	.37	32.27	1448.68	643.5	.28	34.72	1460.46
96.8	.29	32.12	1448.15	654.0	.27	34.70	1460.58
99.1	.04	32.24	1447.21	664.1	.27	34.71	1460.74
101.4	-.17	32.29	1446.34	674.4	.24	34.70	1460.78
103.6	-.24	32.34	1446.11	684.7	.24	34.68	1460.91
105.8	-.57	32.42	1444.70	695.3	.21	34.70	1461.01
108.2	-.83	32.44	1443.58	705.4	.19	34.70	1461.07
110.4	-1.13	32.43	1442.15	716.2	.18	34.71	1461.20
112.7	-1.30	32.46	1441.42	726.9	.17	34.70	1461.34
114.8	-1.36	32.54	1441.29	737.5	.16	34.71	1461.49
116.9	-1.32	32.60	1441.58	747.6	.15	34.72	1461.60
119.2	-1.25	32.58	1441.95				
121.3	-1.24	32.61	1442.09				
123.4	-1.22	32.62	1442.19				
125.8	-1.24	32.64	1442.16				
128.4	-1.29	32.68	1442.04				
130.7	-1.35	32.71	1441.80				
132.8	-1.37	32.79	1441.89				
134.9	-1.34	32.77	1442.02				
137.5	-1.35	32.89	1442.17				
139.6	-1.35	32.97	1442.32				
141.9	-1.36	33.03	1442.38				
144.7	-1.43	33.05	1442.14				
147.2	-1.44	33.20	1442.35				
149.3	-1.41	33.22	1442.54				
154.7	-1.34	33.35	1443.13				
160.1	-1.23	33.49	1443.93				
165.9	-1.08	33.69	1444.99				
171.5	-1.05	33.75	1445.31				
176.6	-.90	33.92	1446.33				
182.0	-.82	33.98	1446.86				

MIZPAC 86  
 DATE: 86/09/30  
 LAT: 72 11.9 N

CAST# 12 DOWN  
 TIME: 10:19:20  
 LON: 152 30.8 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
1.4	-.47	28.94	1438.80	208.6	-.31	34.35	1450.13
0.0	-.40	29.05	1439.29	213.7	-.26	34.38	1450.51
1.2	-.42	28.95	1439.08	218.8	-.19	34.41	1450.93
.2	-.48	28.98	1438.81	224.1	-.14	34.42	1451.29
1.5	-.49	28.93	1438.72	229.7	-.07	34.46	1451.75
0.0	-.48	28.98	1438.82	235.3	-.01	34.45	1452.11
1.2	-.46	28.93	1438.87	240.6	.03	34.48	1452.42
2.4	-.49	28.92	1438.73	246.1	.07	34.48	1452.69
3.5	-.28	28.80	1439.58	251.2	.12	34.52	1453.07
4.8	-.39	28.97	1439.27	256.5	.15	34.53	1453.27
5.9	-.45	29.03	1439.14	261.7	.19	34.54	1453.57
7.1	-.19	28.98	1440.29	267.1	.24	34.55	1453.87
8.4	-.47	28.96	1438.96	272.5	.27	34.57	1454.15
9.8	-.43	29.11	1439.37	277.8	.28	34.58	1454.30
12.6	1.41	29.83	1448.81	283.2	.33	34.59	1454.62
15.1	3.81	31.22	1461.13	288.8	.35	34.58	1454.79
17.2	4.32	30.94	1462.97	293.9	.37	34.59	1454.97
19.4	4.40	31.02	1463.44	299.7	.38	34.59	1455.11
21.5	4.57	31.05	1464.24	310.0	.38	34.60	1455.30
24.5	4.64	31.07	1464.57	320.6	.39	34.61	1455.53
26.8	4.68	31.09	1464.81	330.8	.39	34.63	1455.73
29.7	4.70	31.06	1464.90	341.1	.41	34.63	1455.97
31.9	4.73	31.08	1465.10	351.2	.42	34.64	1456.20
34.0	4.73	31.12	1465.18	361.3	.43	34.65	1456.42
36.3	4.75	31.08	1465.22	371.4	.43	34.65	1456.61
38.6	4.75	31.05	1465.26	381.8	.44	34.65	1456.80
40.8	4.77	31.12	1465.44	392.2	.44	34.66	1456.98
43.1	4.78	31.10	1465.48	402.3	.44	34.66	1457.16
45.2	4.82	31.15	1465.76	412.7	.44	34.67	1457.34
47.4	4.83	31.10	1465.77	423.1	.46	34.66	1457.58
49.5	4.86	31.12	1465.98	433.5	.46	34.68	1457.78
51.8	4.92	31.13	1466.27	444.0	.46	34.67	1457.96
54.1	5.02	31.15	1466.74	454.4	.46	34.69	1458.14
56.9	5.09	31.19	1467.13	464.9	.46	34.68	1458.29
59.1	5.06	31.21	1467.07	475.8	.46	34.68	1458.47
61.2	5.05	31.20	1467.05	485.9	.45	34.69	1458.63
63.4	5.05	31.22	1467.10	496.0	.44	34.68	1458.72
65.7	5.05	31.24	1467.14	506.3	.42	34.68	1458.79
67.9	5.02	31.27	1467.12	516.7	.40	34.69	1458.90
70.2	4.96	31.27	1466.90	527.1	.39	34.70	1459.05
72.3	4.90	31.32	1466.73	537.8	.38	34.68	1459.13
74.9	4.70	31.46	1466.15	548.0	.37	34.69	1459.29
77.2	4.62	31.53	1465.92	558.3	.37	34.69	1459.43
79.7	4.52	31.61	1465.65	568.5	.36	34.69	1459.53
81.8	4.30	31.68	1464.87	578.8	.34	34.68	1459.64
84.5	4.19	31.75	1464.52	589.2	.33	34.68	1459.73
87.3	3.93	31.79	1463.54	599.3	.31	34.70	1459.85
89.6	3.53	31.81	1461.91	609.6	.30	34.68	1459.96
91.7	2.92	32.01	1459.59	619.8	.28	34.69	1460.06
93.8	2.48	32.05	1457.77	629.9	.27	34.69	1460.17
95.9	2.15	32.26	1456.62	640.6	.26	34.68	1460.29
98.1	1.70	32.12	1454.50	650.8	.24	34.69	1460.38
100.4	1.48	31.96	1453.37	661.1	.23	34.69	1460.47
102.5	1.11	32.13	1451.95	671.3	.21	34.69	1460.58
104.6	.77	32.21	1450.55	681.6	.19	34.69	1460.66
106.7	.45	32.17	1449.07	692.5	.19	34.69	1460.81
108.9	.08	32.27	1447.53	703.5	.18	34.70	1460.96
111.3	-.27	32.21	1445.88	713.8	.17	34.70	1461.08
113.6	-.42	32.40	1445.49	724.8	.15	34.68	1461.19
115.8	-.55	32.36	1444.85	735.7	.13	34.71	1461.30
117.9	-.63	32.40	1444.58	745.8	.13	34.69	1461.44
120.5	-.70	32.38	1444.25				
122.6	-.90	32.48	1443.50				
125.6	-1.11	32.45	1442.50				
127.8	-1.22	32.57	1442.19				
129.9	-1.25	32.58	1442.12				
132.1	-1.28	32.67	1442.12				
134.2	-1.38	32.80	1441.85				
136.3	-1.31	32.86	1442.27				
138.6	-1.21	32.90	1442.84				
141.0	-1.27	32.94	1442.68				
143.3	-1.18	33.05	1443.29				
145.5	-1.26	33.09	1442.99				
147.7	-1.28	33.21	1443.08				
149.8	-1.21	33.35	1443.62				
155.3	-1.08	33.52	1444.57				
160.5	-1.01	33.72	1445.26				
166.3	-.94	33.86	1445.90				
171.7	-.78	34.02	1446.91				
176.9	-.72	34.10	1447.39				
182.4	-.68	34.12	1447.70				
187.7	-.65	34.16	1447.97				
192.8	-.58	34.20	1448.44				
198.1	-.46	34.27	1449.19				
203.3	-.36	34.32	1449.80				



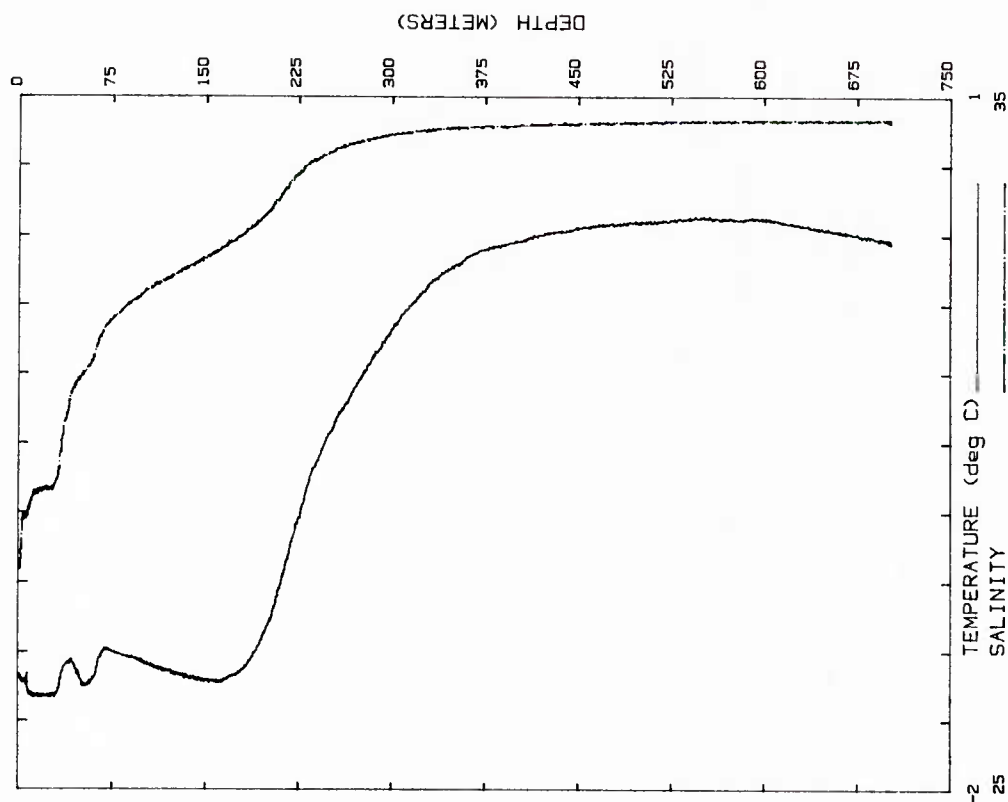
MIZPAC 86  
 DATE: 86/09/30  
 LAT: 71 59.7 N

CAST# 13 DOWN  
 TIME: 17:20:30  
 LON: 153 44.9 W

DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)	DEPTH (Meter)	TEMPERATURE (deg C)	SALINITY (g/kg)	SPEED (M/S)
.3	-.34	29.21	1442.94	242.4	.31	34.57	1453.83
2.3	-.11	29.06	1440.67	248.0	.31	34.58	1453.92
3.6	-.31	28.73	1439.31	253.5	.31	34.60	1454.06
4.6	-.47	28.76	1438.62	258.9	.34	34.60	1454.26
5.7	-.42	31.11	1442.01	264.1	.33	34.58	1454.29
6.9	-.57	28.80	1438.25	269.4	.33	34.59	1454.37
8.3	-.29	30.54	1444.57	275.1	.31	34.59	1454.39
9.6	1.43	29.80	1448.82	280.5	.30	34.60	1454.46
11.9	1.72	30.09	1450.52	285.7	.30	34.60	1454.54
14.1	2.28	30.35	1453.40	291.1	.31	34.61	1454.67
16.2	2.47	30.25	1454.12				
18.6	2.54	30.40	1454.64				
21.5	2.68	31.18	1456.32				
23.6	2.47	31.33	1455.64				
26.3	2.05	31.49	1454.05				
28.4	1.66	31.56	1452.46				
30.6	1.61	31.79	1452.56				
32.7	1.70	31.47	1452.60				
35.1	1.50	31.66	1451.99				
37.3	1.21	31.99	1451.17				
39.6	1.13	31.83	1450.64				
41.8	.72	32.02	1449.07				
44.1	.58	32.15	1448.63				
46.5	.40	32.09	1447.78				
49.0	.19	32.15	1446.94				
51.6	-.07	32.12	1445.74				
53.7	-.13	32.25	1445.65				
56.4	-.16	32.28	1445.60				
58.5	-.19	32.23	1445.43				
60.6	-.36	32.34	1444.84				
62.7	-.39	32.31	1444.67				
64.7	-.69	32.31	1443.30				
66.9	-.91	32.45	1442.50				
69.1	-1.06	32.50	1441.87				
72.2	-1.19	32.59	1441.46				
74.3	-1.24	32.60	1441.27				
76.8	-1.29	32.64	1441.11				
79.5	-1.32	32.70	1441.09				
81.7	-1.34	32.67	1440.98				
84.0	-1.42	32.82	1440.85				
86.4	-1.33	32.99	1441.54				
88.5	-1.36	33.00	1441.44				
90.6	-1.34	33.09	1441.69				
93.0	-1.32	33.16	1441.94				
95.8	-1.35	33.21	1441.89				
98.4	-1.33	33.28	1442.14				
101.1	-1.30	33.48	1442.59				
103.3	-1.15	33.47	1443.33				
105.5	-1.13	33.54	1443.54				
107.7	-1.13	33.57	1443.63				
109.9	-1.12	33.58	1443.69				
112.4	-1.11	33.62	1443.85				
114.6	-1.04	33.74	1444.40				
116.7	-.98	33.76	1444.76				
119.1	-.96	33.84	1444.97				
121.2	-.91	33.86	1445.27				
123.3	-.88	33.88	1445.46				
125.6	-.84	33.98	1445.84				
127.7	-.76	34.02	1446.29				
130.5	-.70	34.06	1446.69				
132.7	-.63	34.11	1447.10				
135.0	-.60	34.13	1447.31				
137.1	-.58	34.12	1447.43				
139.5	-.56	34.17	1447.60				
141.6	-.54	34.18	1447.74				
143.9	-.54	34.21	1447.85				
146.2	-.50	34.21	1448.06				
148.4	-.49	34.23	1448.16				
150.6	-.43	34.32	1448.57				
156.0	-.28	34.34	1449.40				
161.7	-.23	34.38	1449.77				
166.8	-.19	34.41	1450.07				
172.7	-.12	34.38	1450.45				
178.0	-.10	34.42	1450.69				
183.6	-.06	34.42	1450.98				
189.1	-.03	34.46	1451.27				
194.2	.01	34.46	1451.50				
199.5	.04	34.47	1451.77				
204.7	.08	34.51	1452.08				
210.6	.17	34.51	1452.58				
216.1	.18	34.51	1452.73				
221.6	.20	34.53	1452.91				
226.9	.25	34.56	1453.28				
232.0	.28	34.55	1453.47				
237.1	.30	34.56	1453.69				

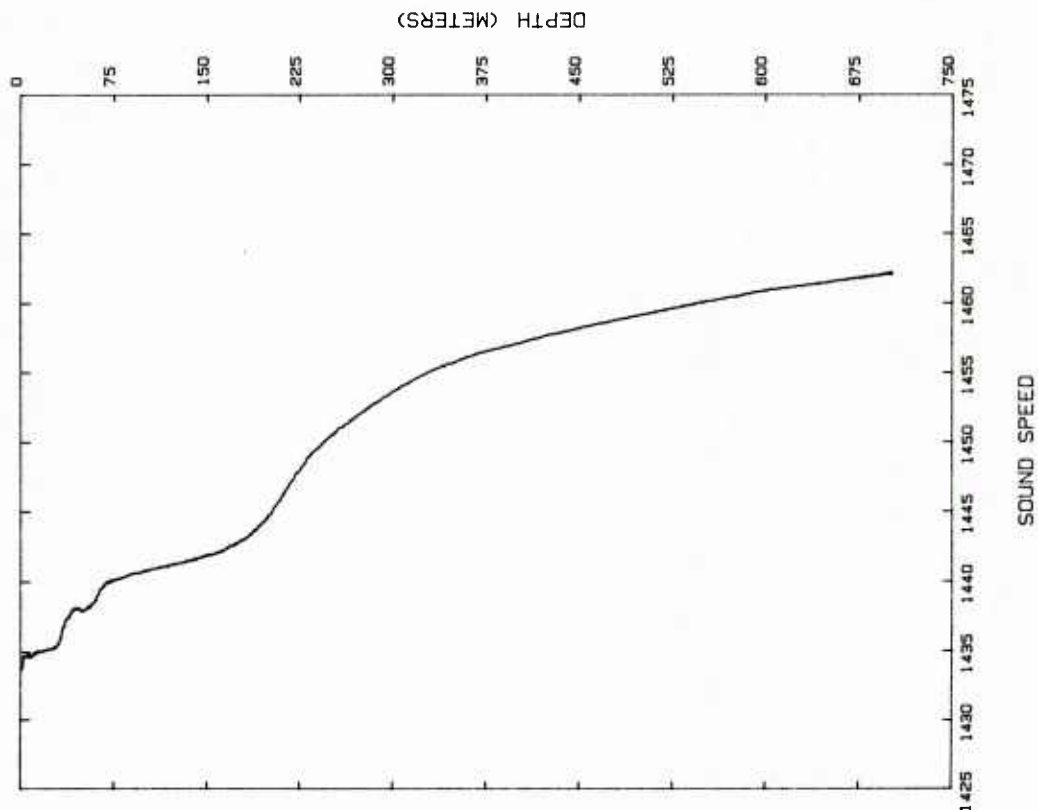
CAST# 1 DOWN  
 DATE: 86/09/21  
 TIME: 06:34:14  
 LAT: 72 53.7 N  
 LON: 141 44.0 W

# MIZPAC 86 CTD PROFILE



CAST# 1 DOWN  
 DATE: 86/09/21  
 TIME: 06:34:14  
 LAT: 72 53.7 N  
 LON: 141 44.0 W

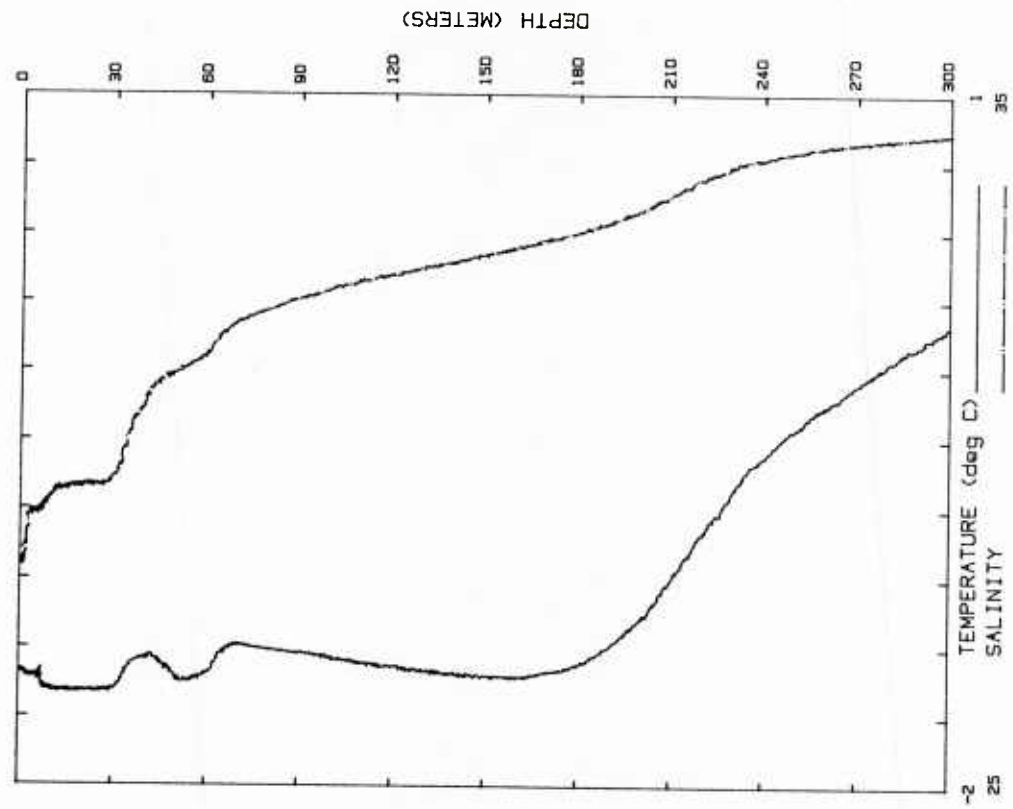
# MIZPAC 86 MEASURED SOUND SPEED





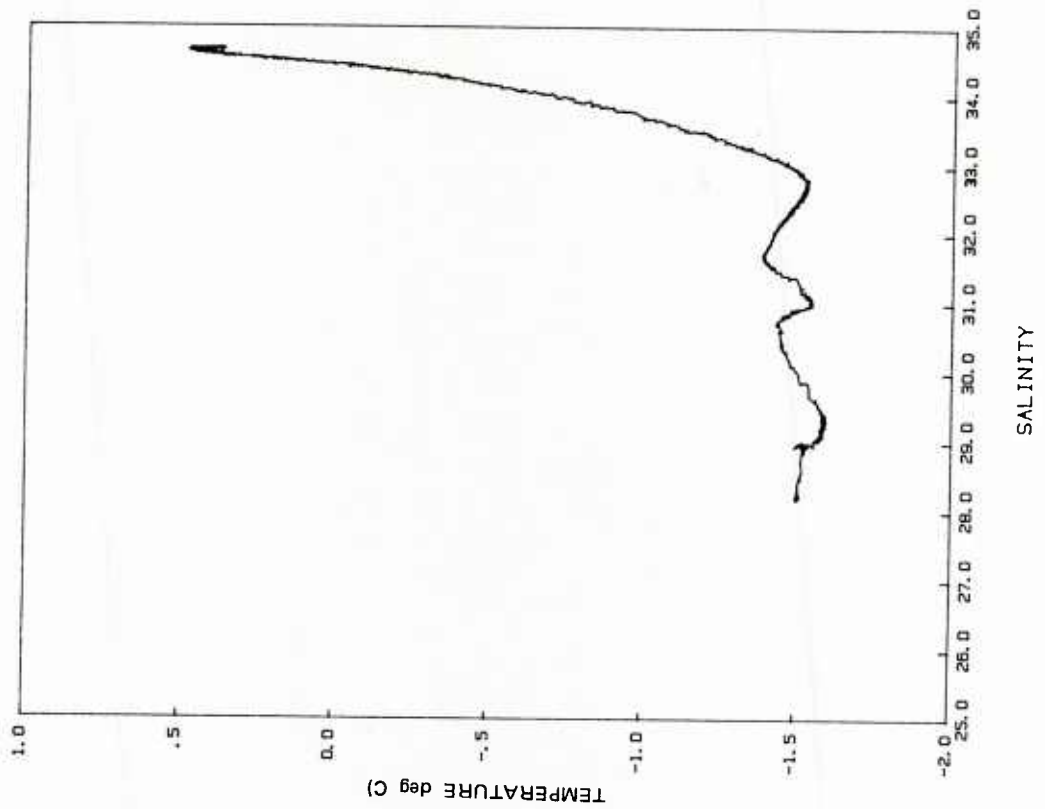
CAST# 1 DOWN  
 DATE: 86/09/21  
 TIME: 06:34:14  
 LAT: 72 53.7 N  
 LON: 141 44.0 W

# MIZPAC 86 CTD PROFILE



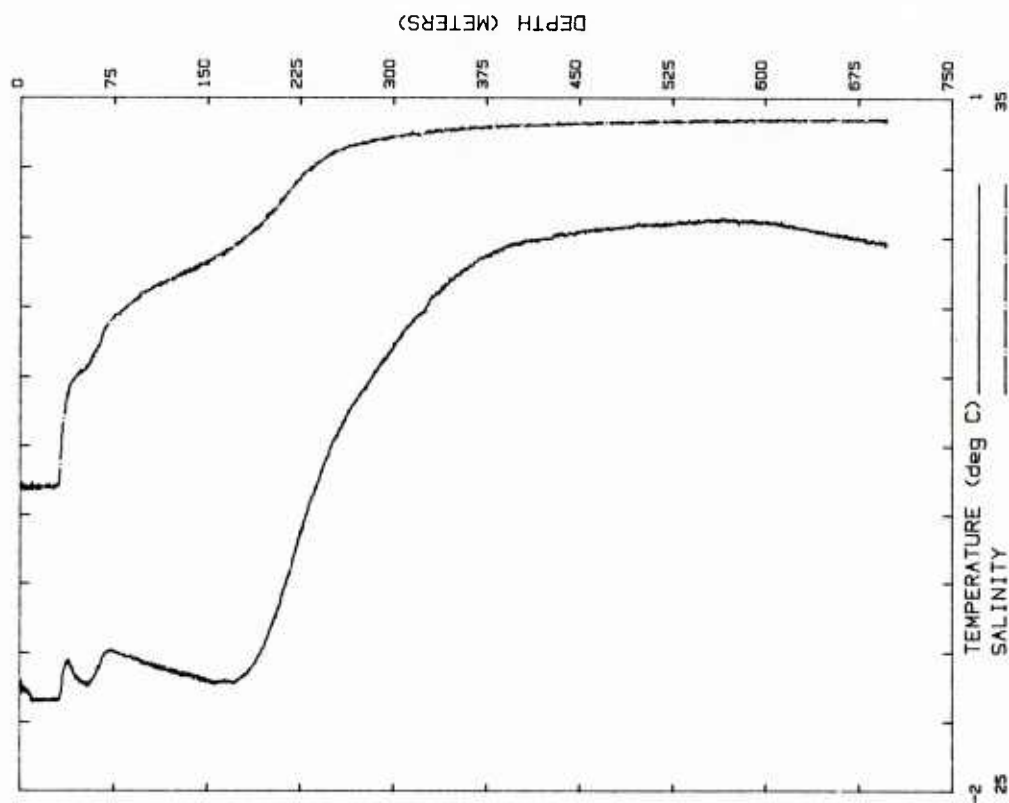
CAST# 1 DOWN  
 DATE: 86/09/21  
 TIME: 06:34:14  
 LAT: 72 53.7 N  
 LON: 141 44.0 W

# MIZPAC 86 TS CURVE



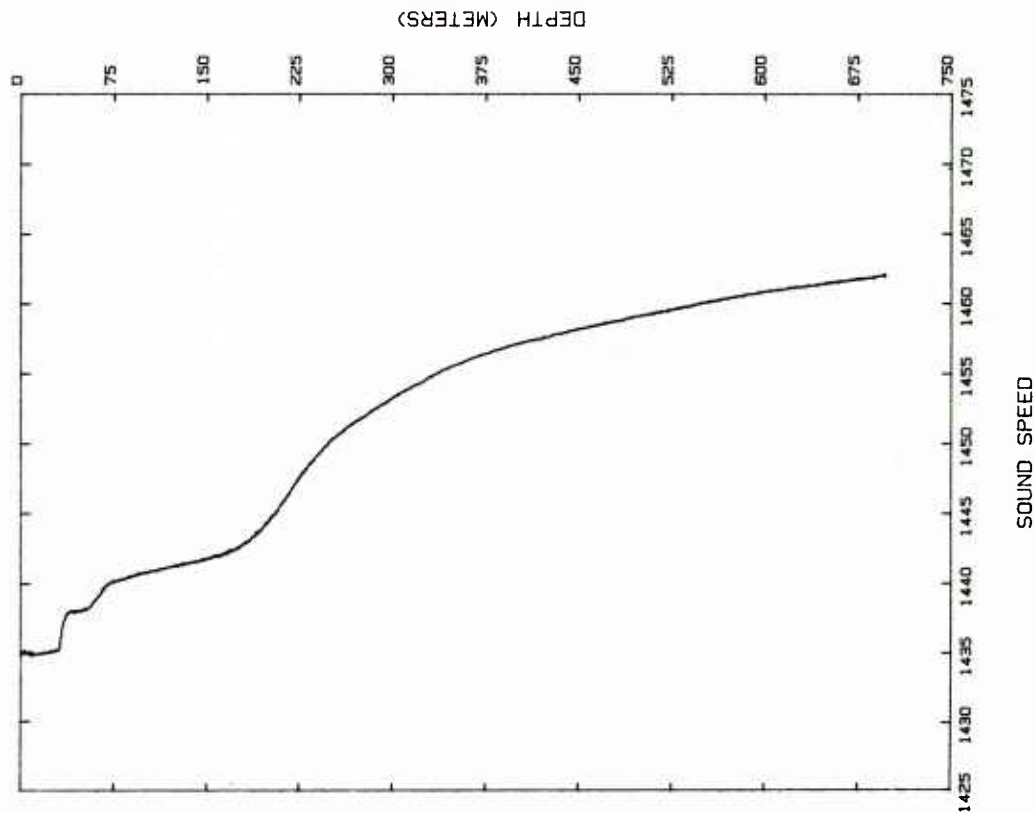
CAST # 2 DOWN  
 DATE: 86/08/22  
 TIME: 17:16:19  
 LAT: 73 09.4 N  
 LON: 141 16.0 W

# MIZPAC 86 CTD PROFILE



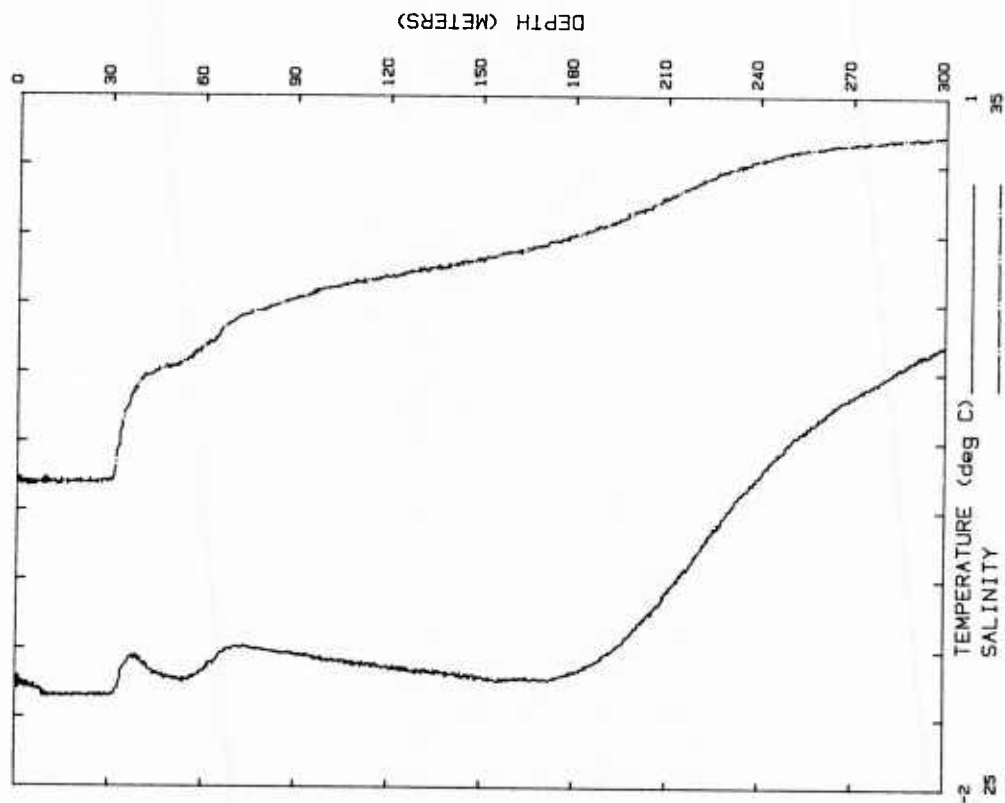
CAST # 2 DOWN  
 DATE: 86/08/22  
 TIME: 17:16:19  
 LAT: 73 09.4 N  
 LON: 141 16.0 W

# MIZPAC 86 MEASURED SOUND SPEED



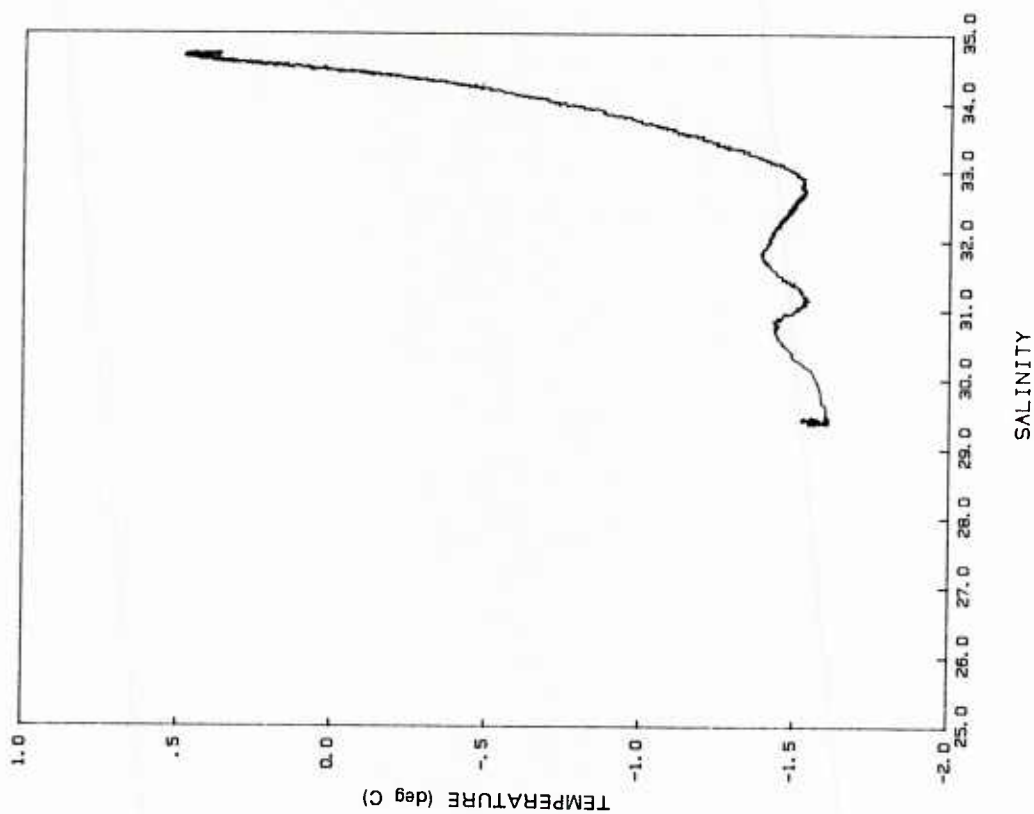
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 DATE: 86/09/22  
 TIME: 17:16:19  
 LAT: 73 09.4 N  
 LON: 141 16.0 W

# MIZPAC 86 CTD PROFILE



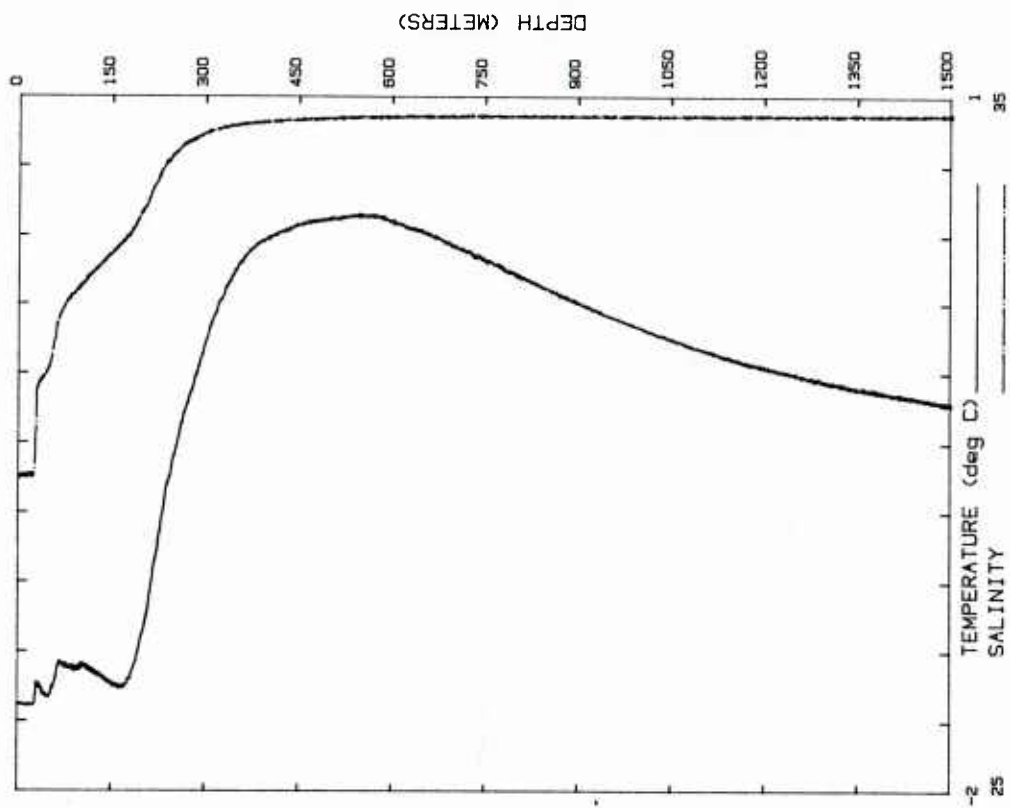
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 DATE: 86/09/22  
 TIME: 17:16:18  
 LAT: 73 09.4 N  
 LON: 141 16.0 W

# MIZPAC 86 TS CURVE



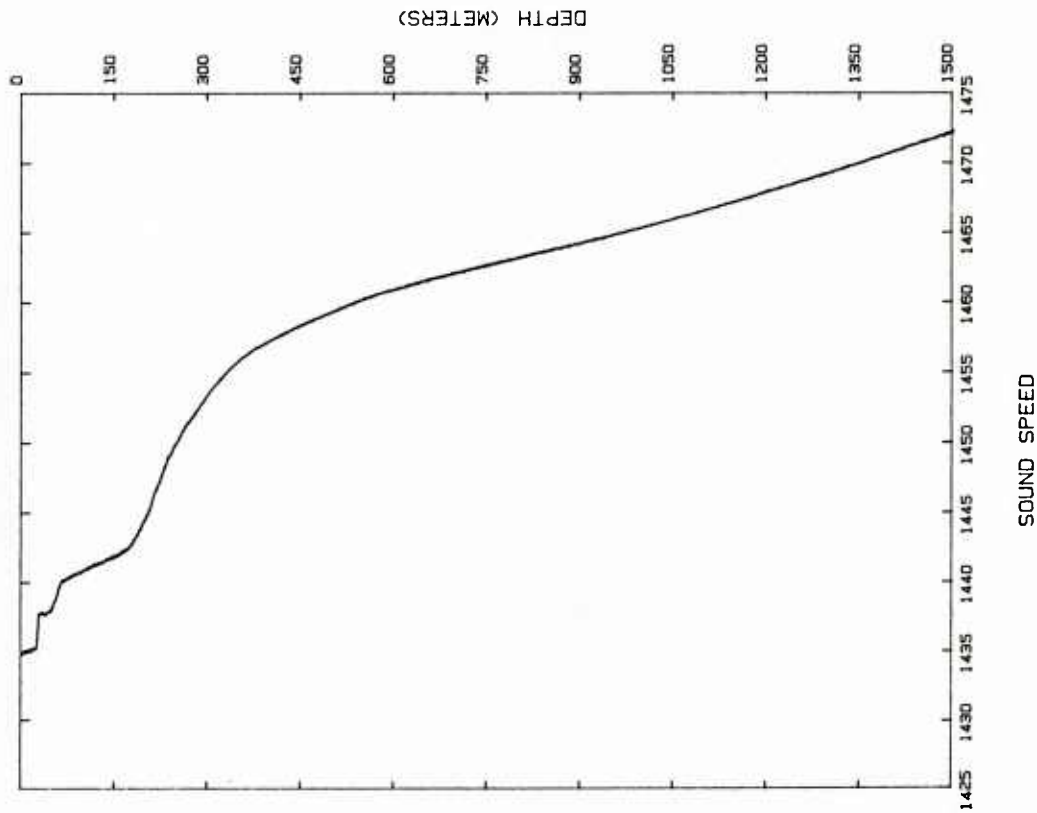
CAST# 3 DOWN  
DATE: 86/09/25  
TIME: 02:42:00  
LAT: 73 29.1 N  
LON: 141 14.8 W

# MIZPAC 86 CTD PROFILE



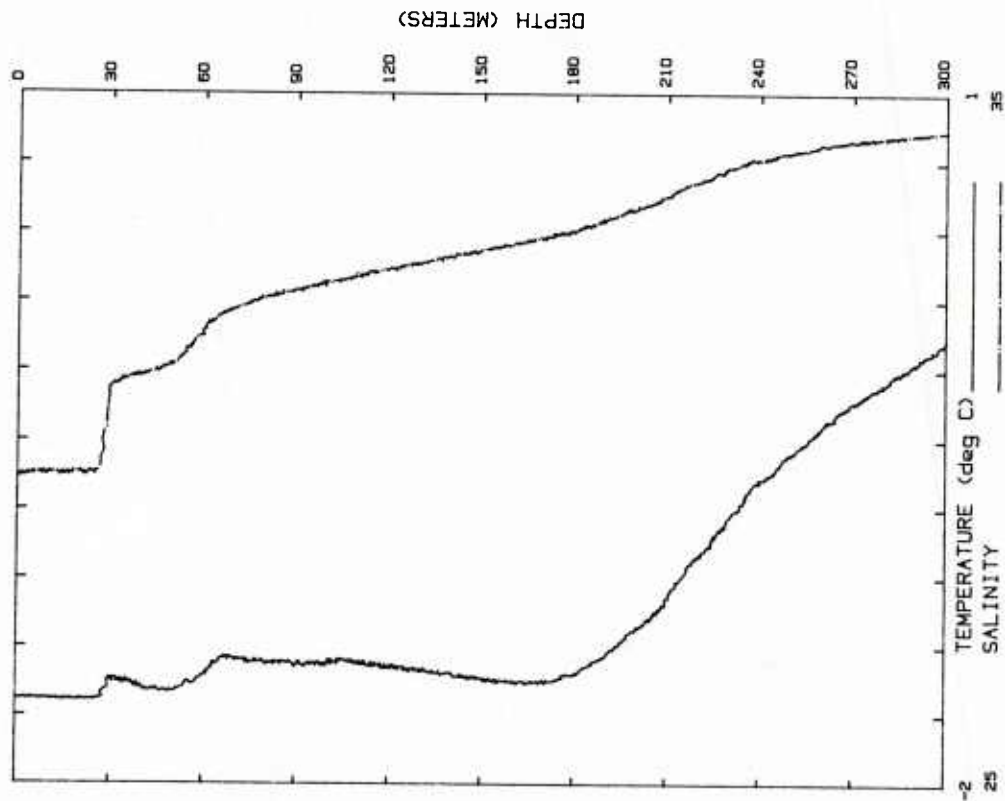
CAST# 3 DOWN  
DATE: 86/09/25  
TIME: 02:42:00  
LAT: 73 29.1 N  
LON: 141 14.8 W

# MIZPAC 86 MEASURED SOUND SPEED



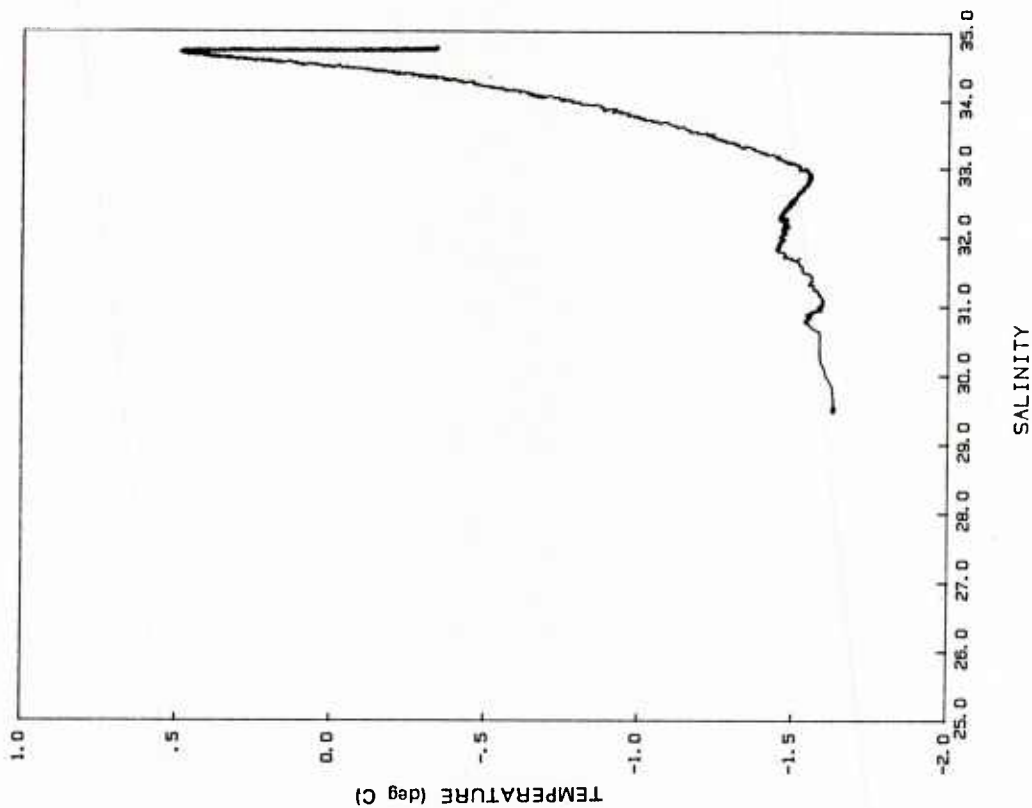
CAST# 3 DOWN  
DATE: 86/09/25  
TIME: 02:42:00  
LAT: 73 29.1 N  
LON: 141 14.8 W

# MIZPAC 86 CTD PROFILE



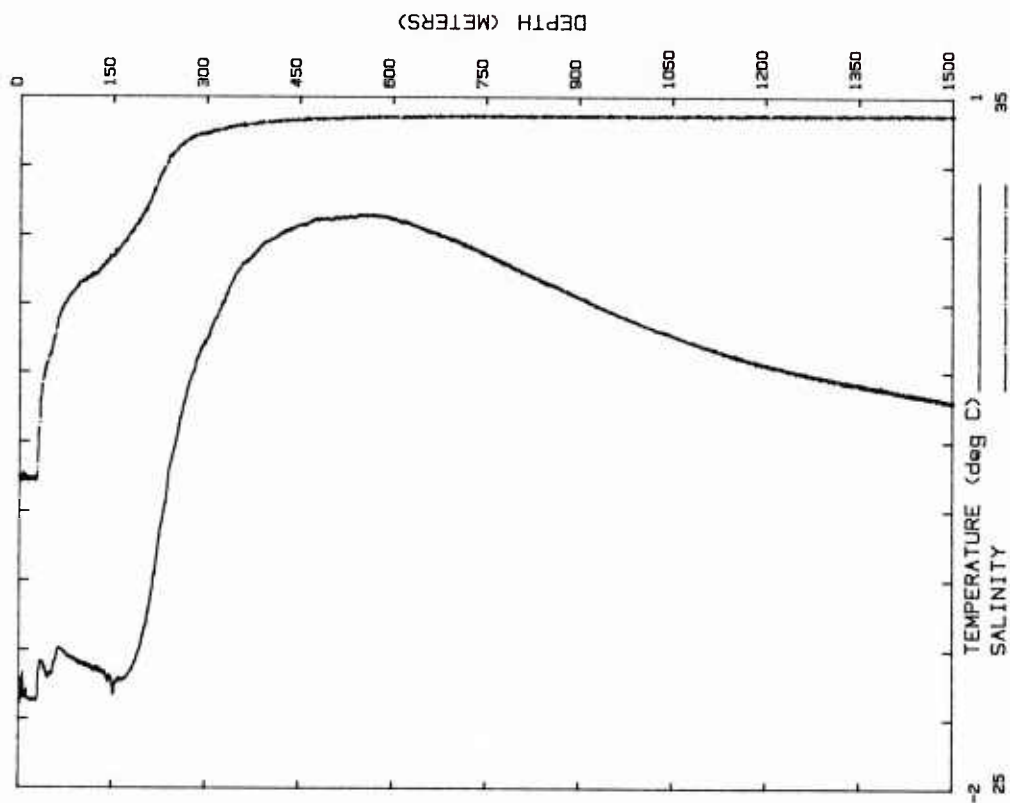
CAST# 3 DOWN  
DATE: 86/09/25  
TIME: 02:42:00  
LAT: 73 29.1 N  
LON: 141 14.8 W

# MIZPAC 86 TS CURVE



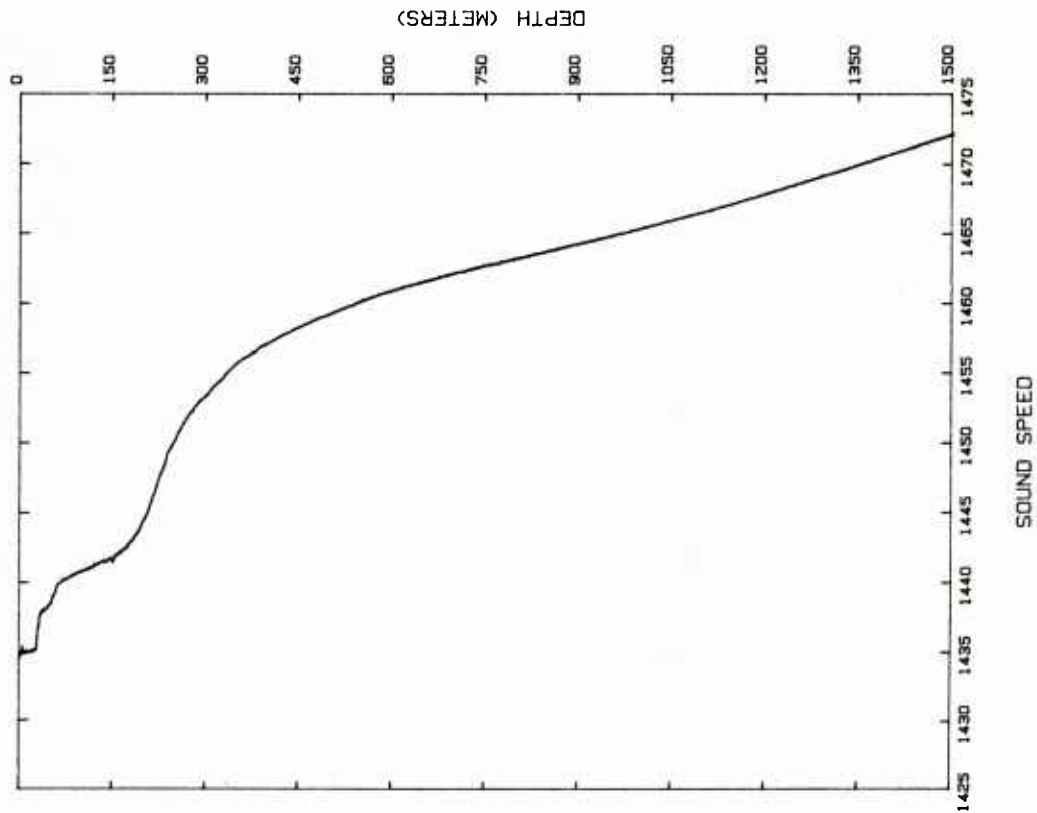
CAST# 4 DOWN  
 DATE: 86/08/25  
 TIME: 17:35:48  
 LAT: 73 02.5 N  
 LON: 141 13.5 W

# MIZPAC 86 CTD PROFILE



CAST# 4 DOWN  
 DATE: 86/08/25  
 TIME: 17:35:48  
 LAT: 73 02.5 N  
 LON: 141 13.5 W

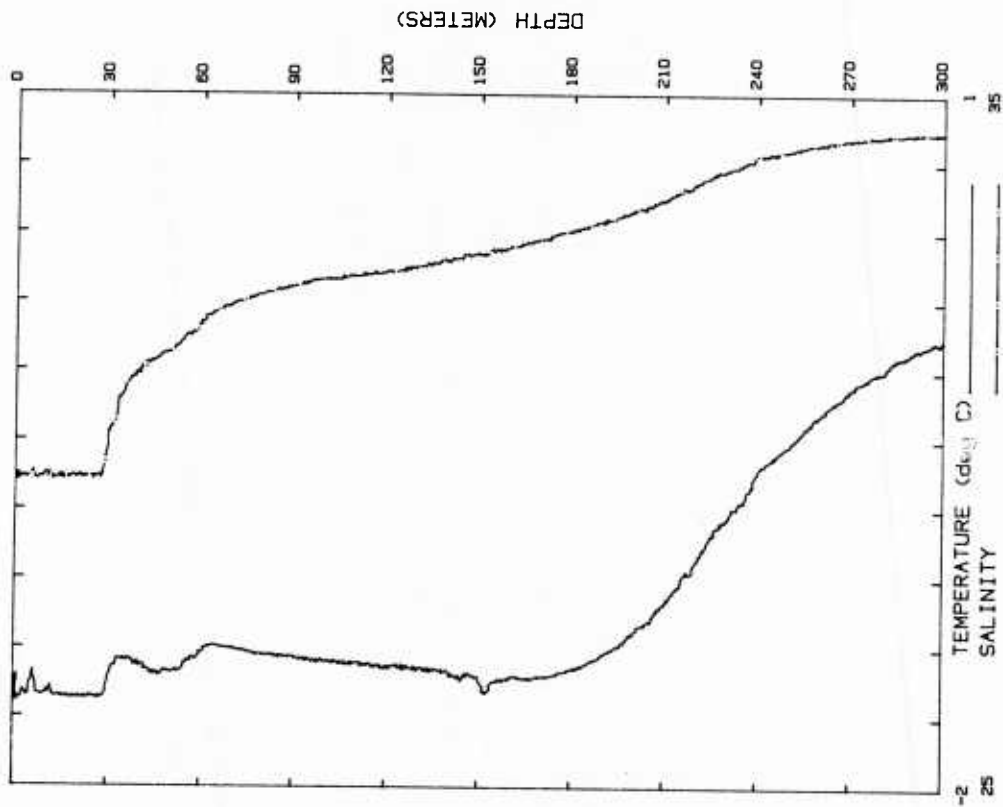
# MIZPAC 86 MEASURED SOUND SPEED





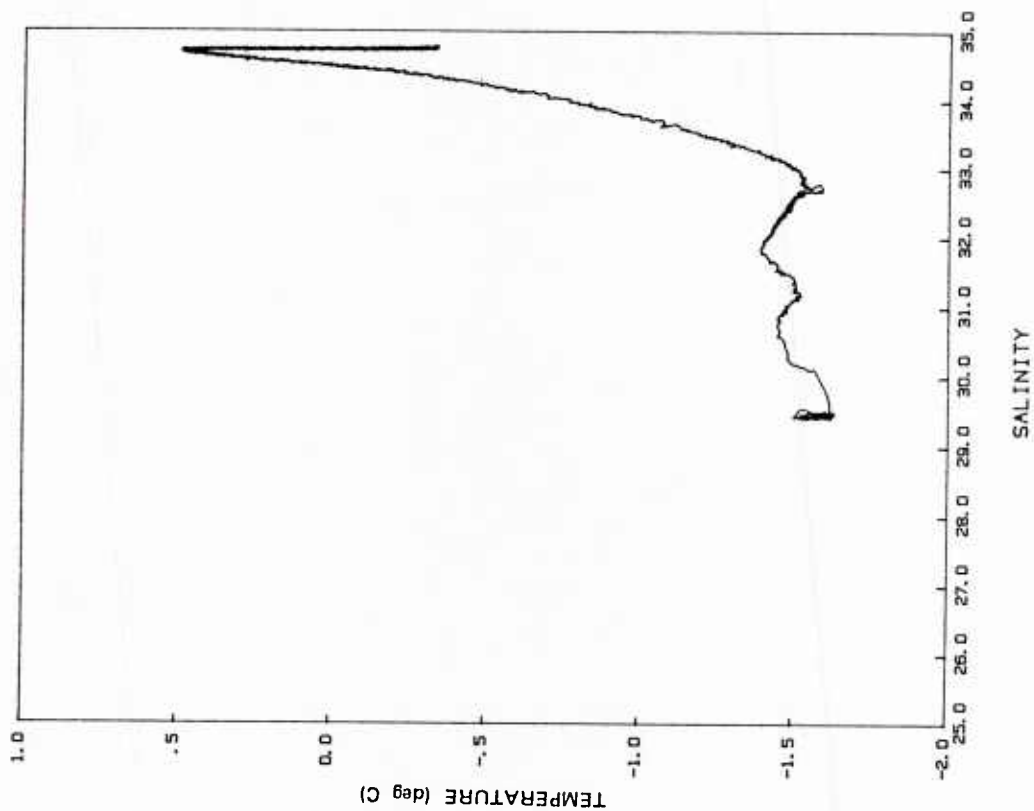
CAST# 4 DOWN  
DATE: 86/09/25  
TIME: 17:35:48  
LAT: 73 02.5 N  
LON: 141 13.5 W

# MIZPAC 86 CTD PROFILE



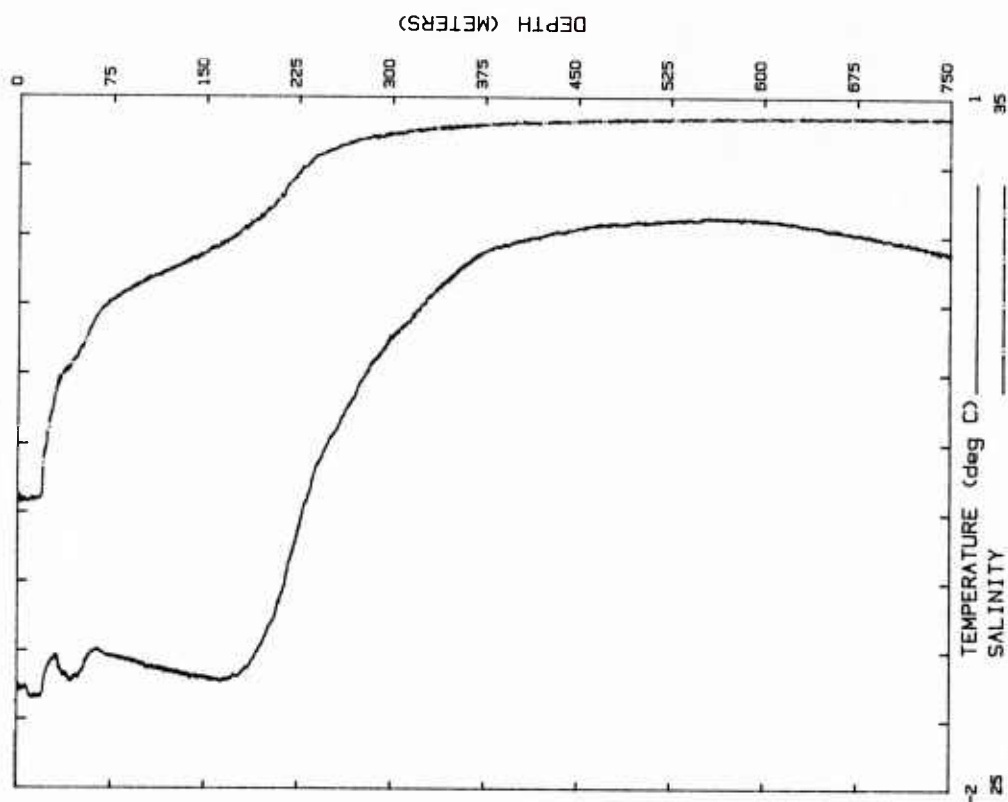
CAST# 4 DOWN  
DATE: 86/09/25  
TIME: 17:35:48  
LAT: 73 02.5 N  
LON: 141 13.5 W

# MIZPAC 86 TS CURVE



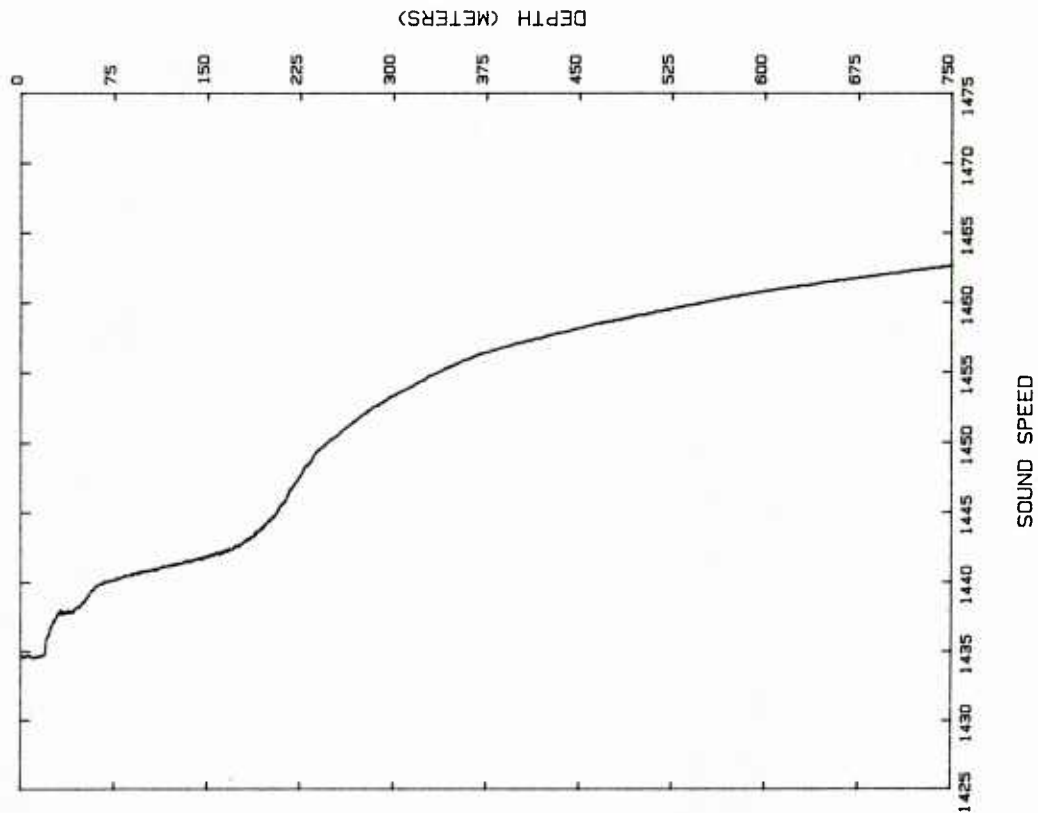
CAST# 5 DOWN  
 DATE: 86/09/26  
 TIME: 20.12.16  
 LAT: 72 38.9 N  
 LON: 141 24.9 W

# MIZPAC 86 CTD PROFILE



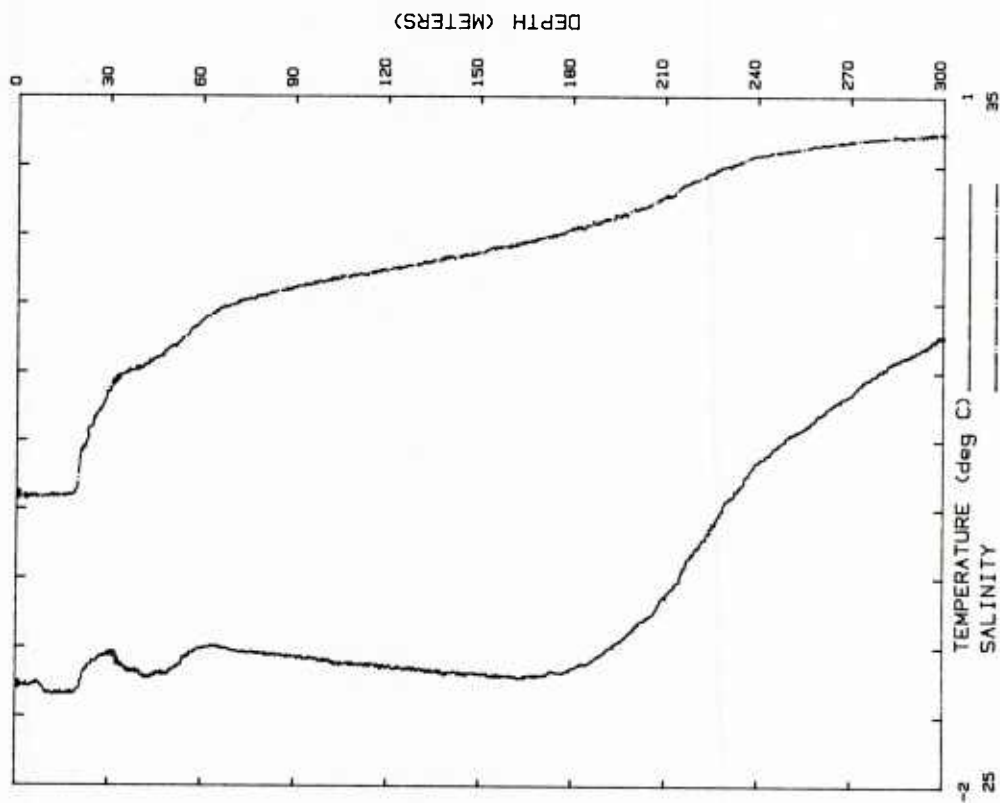
CAST# 5 DOWN  
 DATE: 86/09/26  
 TIME: 20.12.16  
 LAT: 72 38.9 N  
 LON: 141 24.9 W

# MIZPAC 86 MEASURED SOUND SPEED



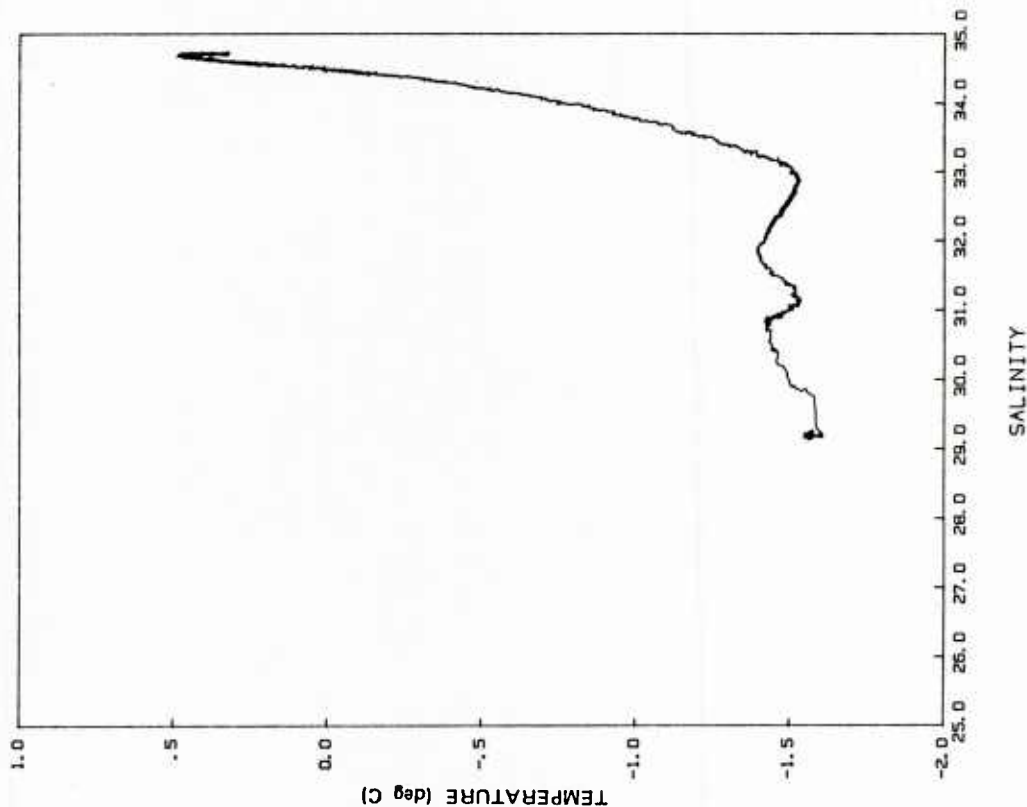
CAST# 5 DOWN  
DATE: 86/09/26  
TIME: 20.12.16  
LAT: 72 36.9 N  
LON: 141 24.9 W

# MIZPAC 86 CTD PROFILE



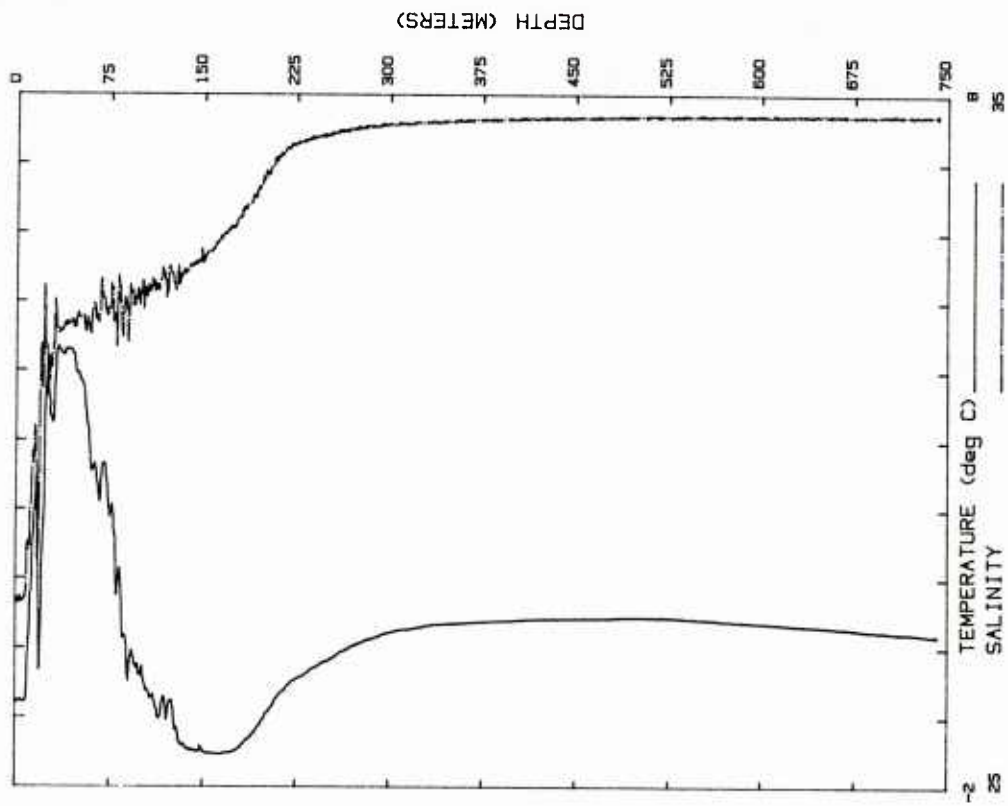
CAST# 5 DOWN  
DATE: 86/09/26  
TIME: 20.12.16  
LAT: 72 36.9 N  
LON: 141 24.9 W

# MIZPAC 86 TS CURVE



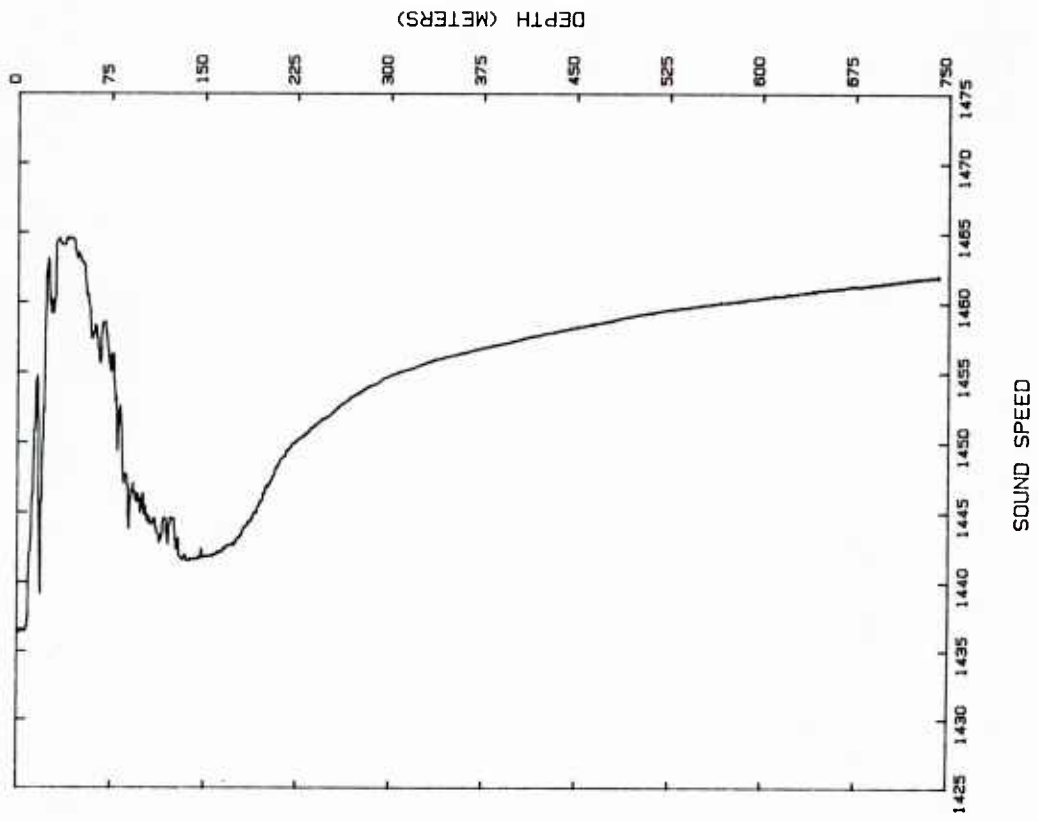
CAST# 6 DOWN  
 DATE: 86/09/29  
 TIME: 03:54:09  
 LAT: 71 29.5 N  
 LON: 147 23.6 W

# MIZPAC 86 CTD PROFILE



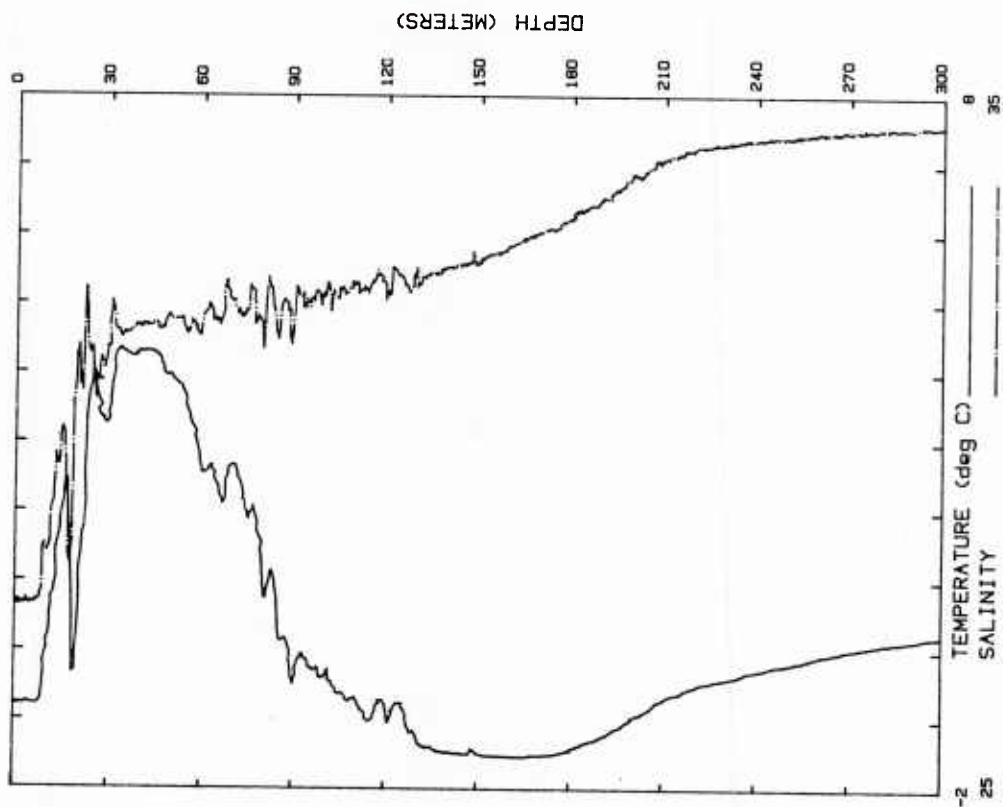
CAST# 6 DOWN  
 DATE: 86/09/29  
 TIME: 03:54:09  
 LAT: 71 29.5 N  
 LON: 147 23.6 W

# MIZPAC 86 MEASURED SOUND SPEED



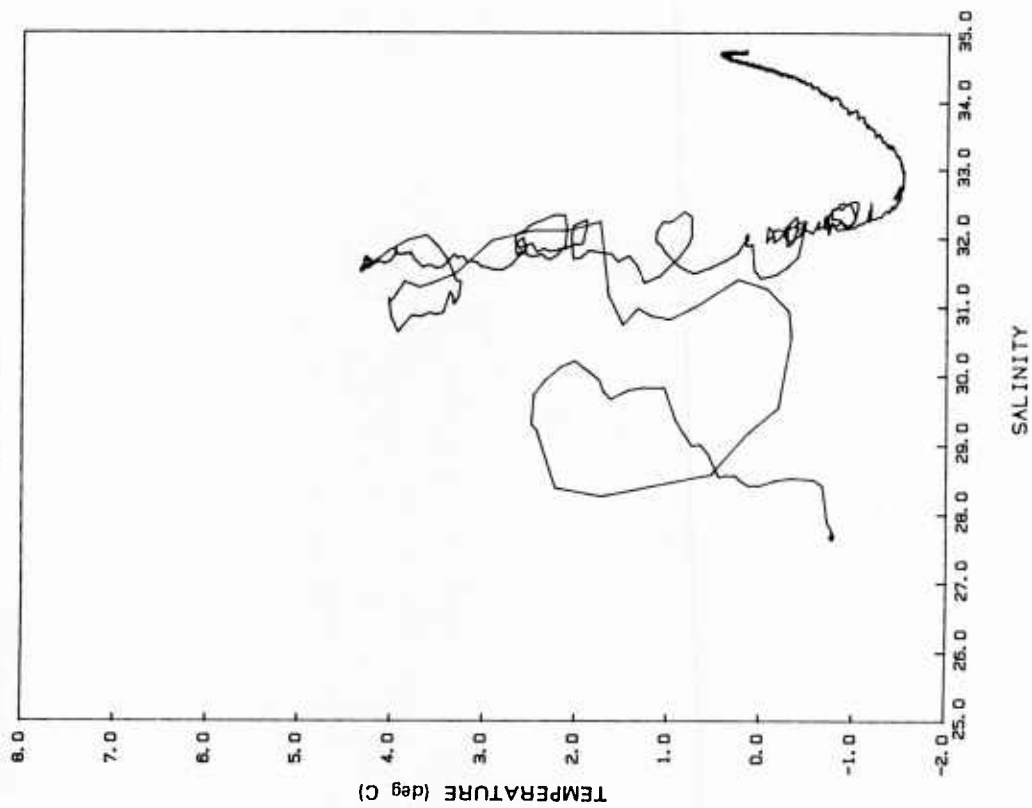
CAST# 6 DOWN  
DATE: 86/08/28  
TIME: 03:54:09  
LAT: 71 29.5 N  
LON: 147 23.6 W

# MIZPAC 86 CTD PROFILE



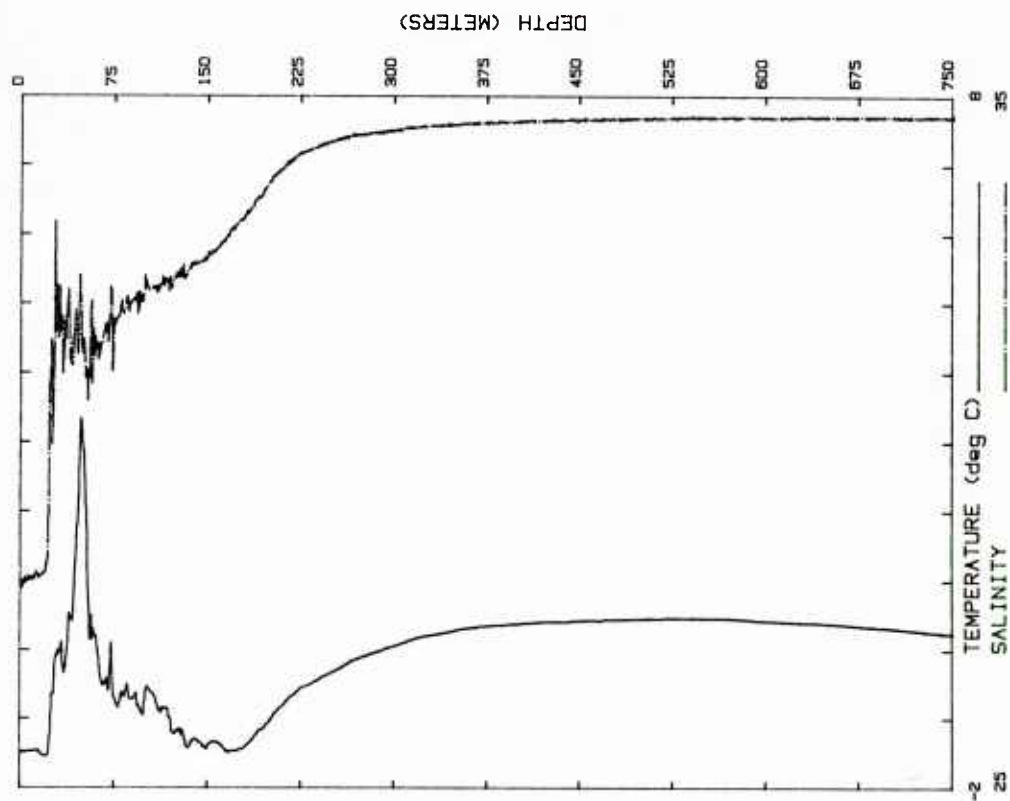
CAST# 6 DOWN  
DATE: 86/08/29  
TIME: 03:54:09  
LAT: 71 29.5 N  
LON: 147 23.6 W

# MIZPAC 86 TS CURVE



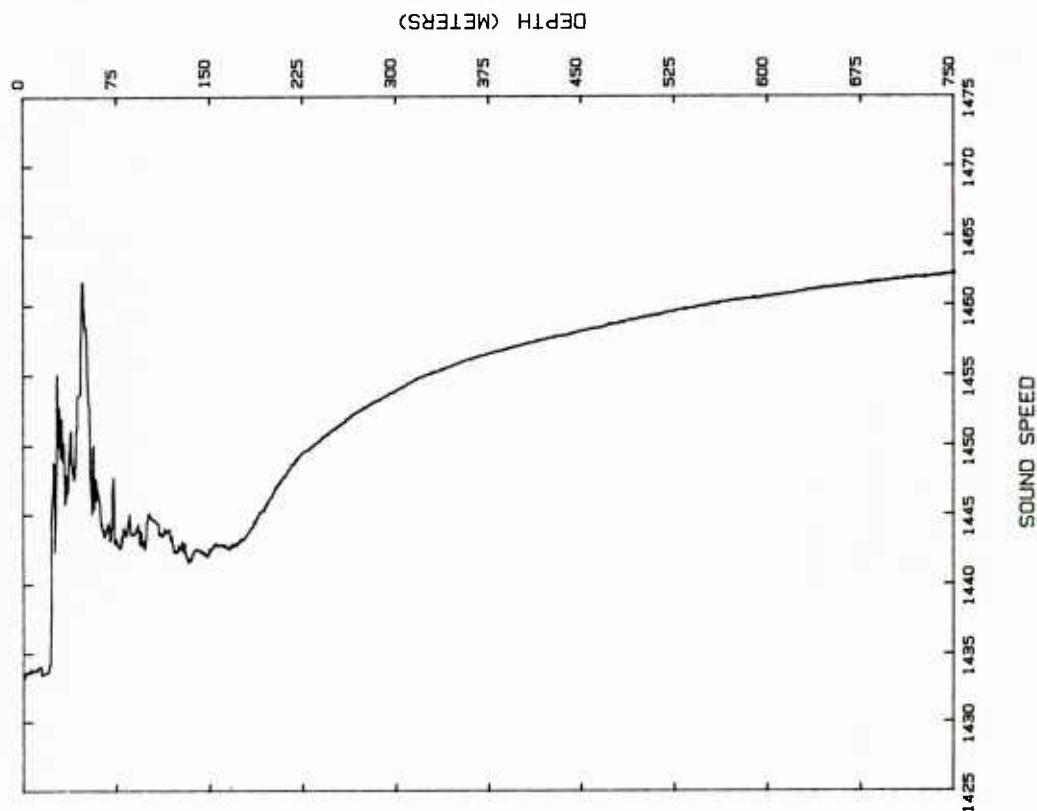
CAST# 7 DOWN  
 DATE: 06/09/29  
 TIME: 14:21:24  
 LAT: 72 01.2 N  
 LON: 147 55.9 W

# MIZPAC 86 CTD PROFILE



CAST# 7 DOWN  
 DATE: 06/09/29  
 TIME: 14:21:24  
 LAT: 72 01.2 N  
 LON: 147 55.9 W

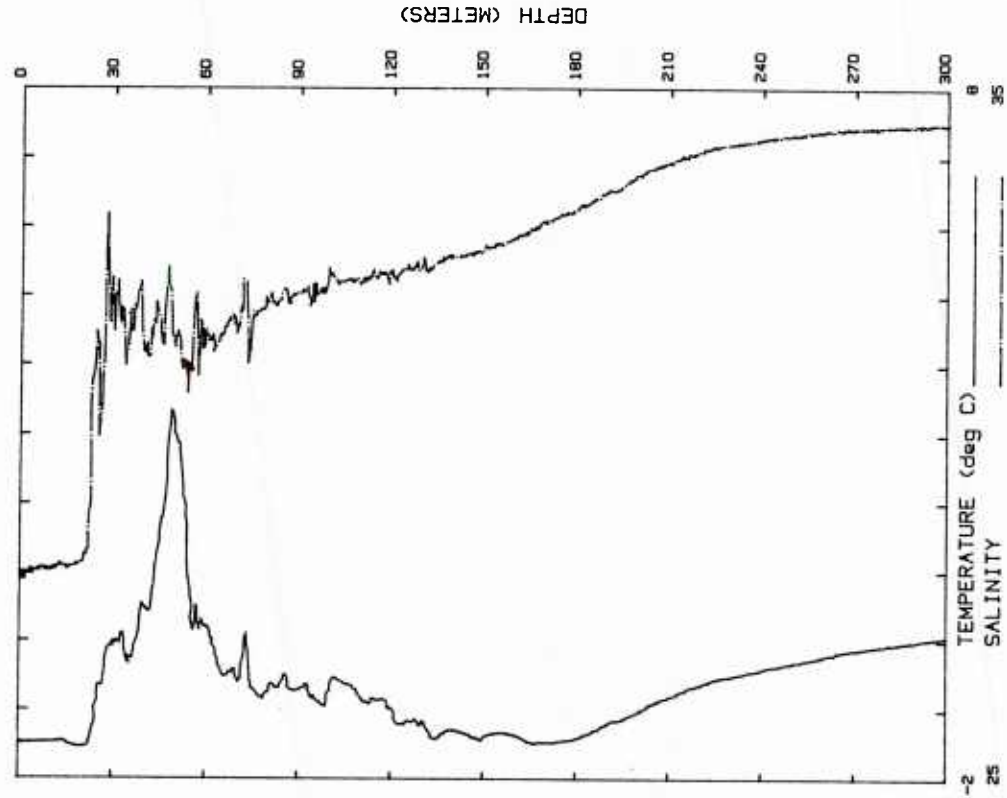
# MIZPAC 86 MEASURED SOUND SPEED





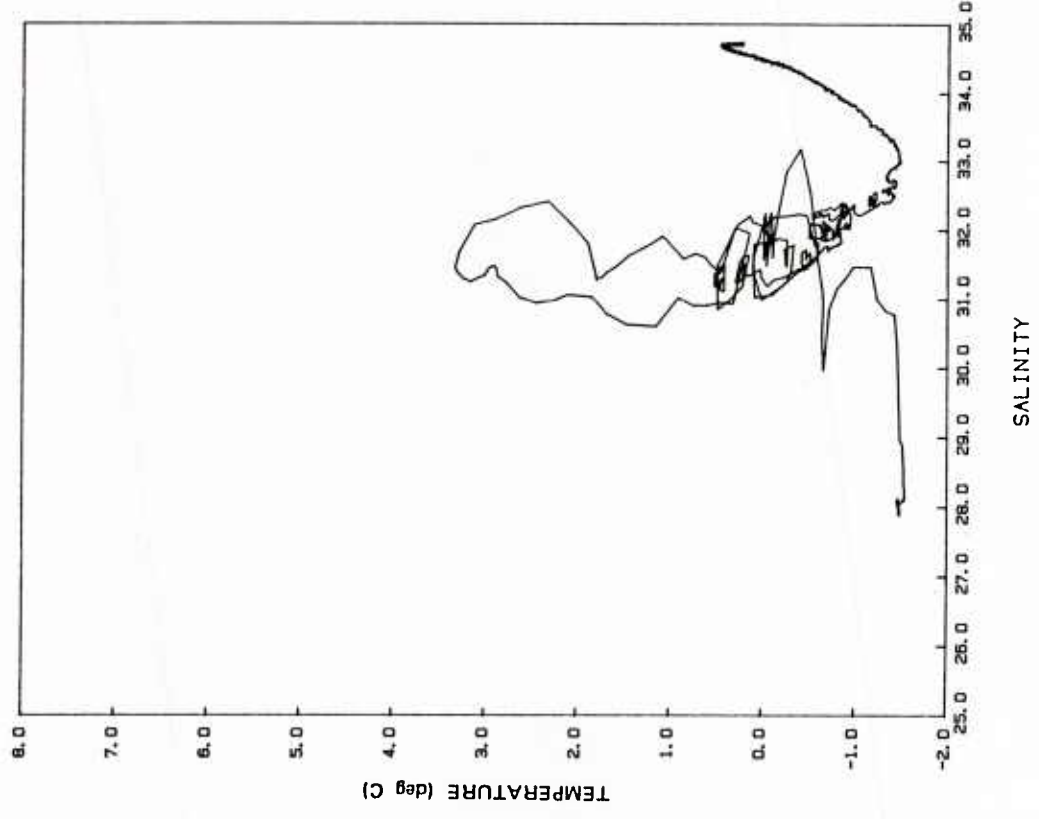
CAST# 7 DOWN  
 DATE: 86/08/28  
 TIME: 14:21:24  
 LAT: 72 01.2 N  
 LONG: 147 55.9 W

# MIZPAC 86 CTD PROFILE



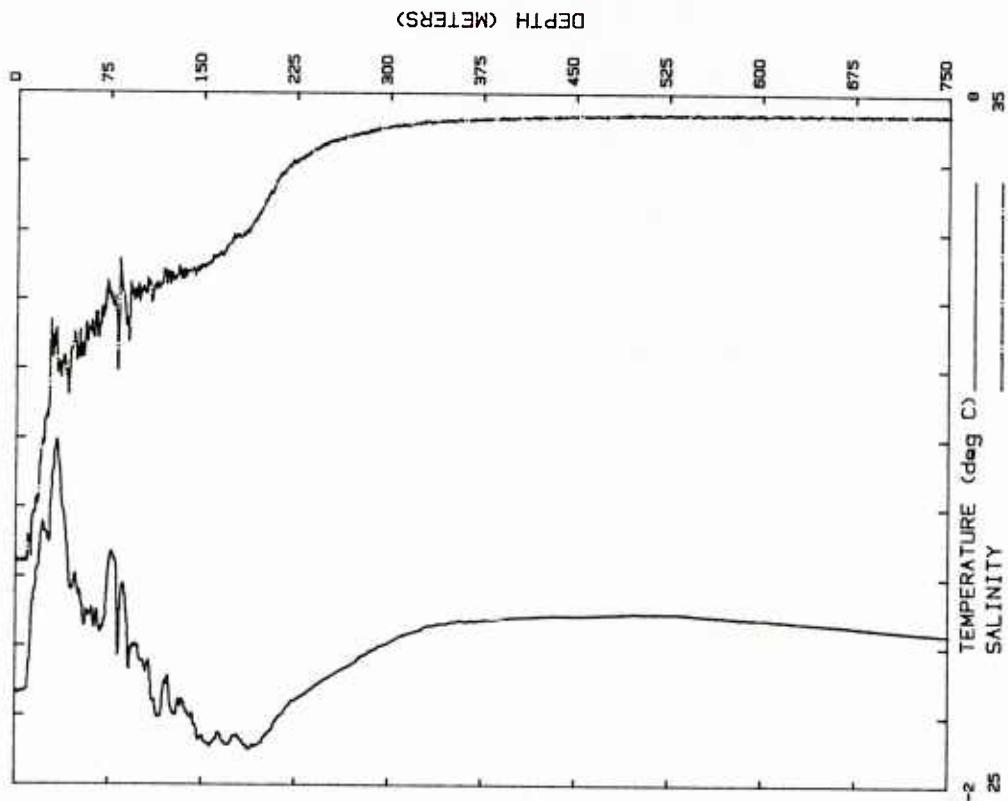
CAST# 7 DOWN  
 DATE: 86/08/28  
 TIME: 14:21:24  
 LAT: 72 01.2 N  
 LONG: 147 55.9 W

# MIZPAC 86 TS CURVE



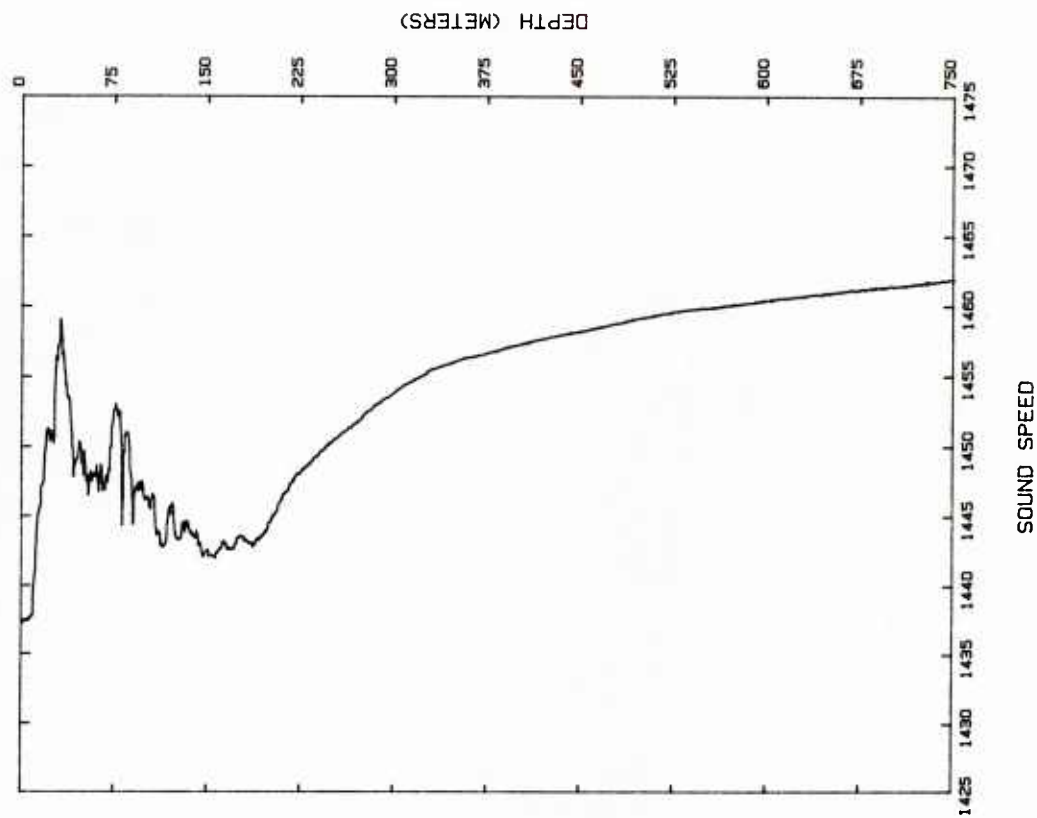
CAST# 8 DOWN  
 DATE: 86/09/29  
 TIME: 17:33.47  
 LAT: 72 00.2 N  
 LON: 149 06.1 W

# MIZPAC 86 CTD PROFILE



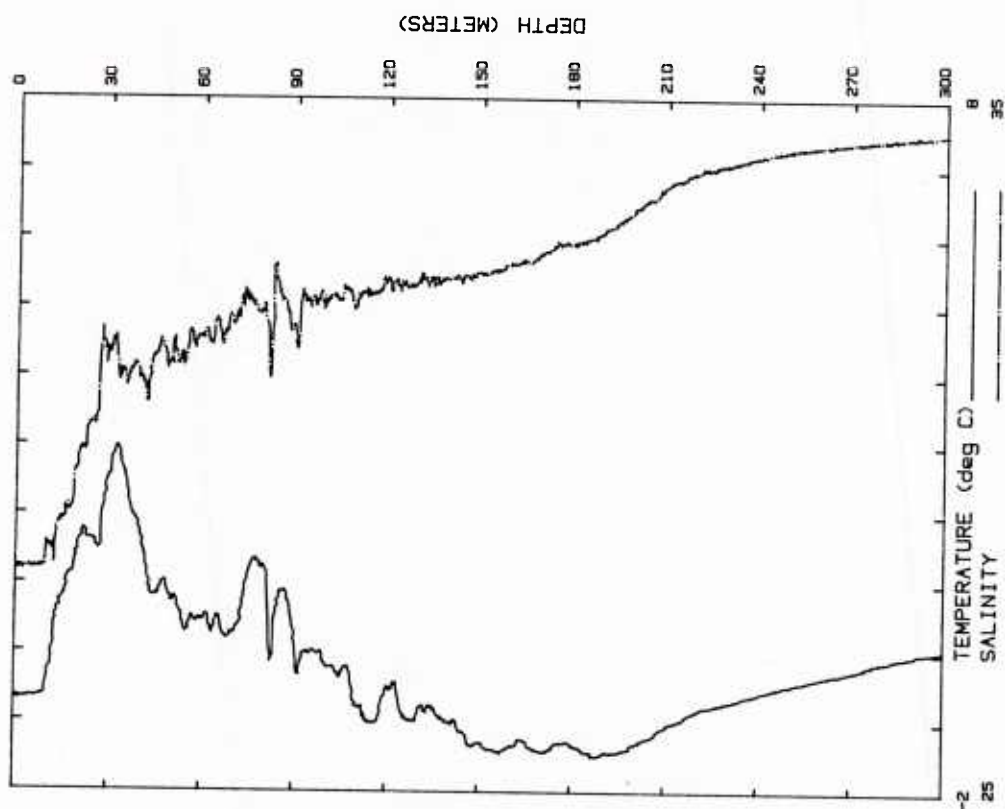
CAST# 8 DOWN  
 DATE: 86/09/29  
 TIME: 17:33.47  
 LAT: 72 00.2 N  
 LON: 149 06.1 W

# MIZPAC 86 MEASURED SOUND SPEED



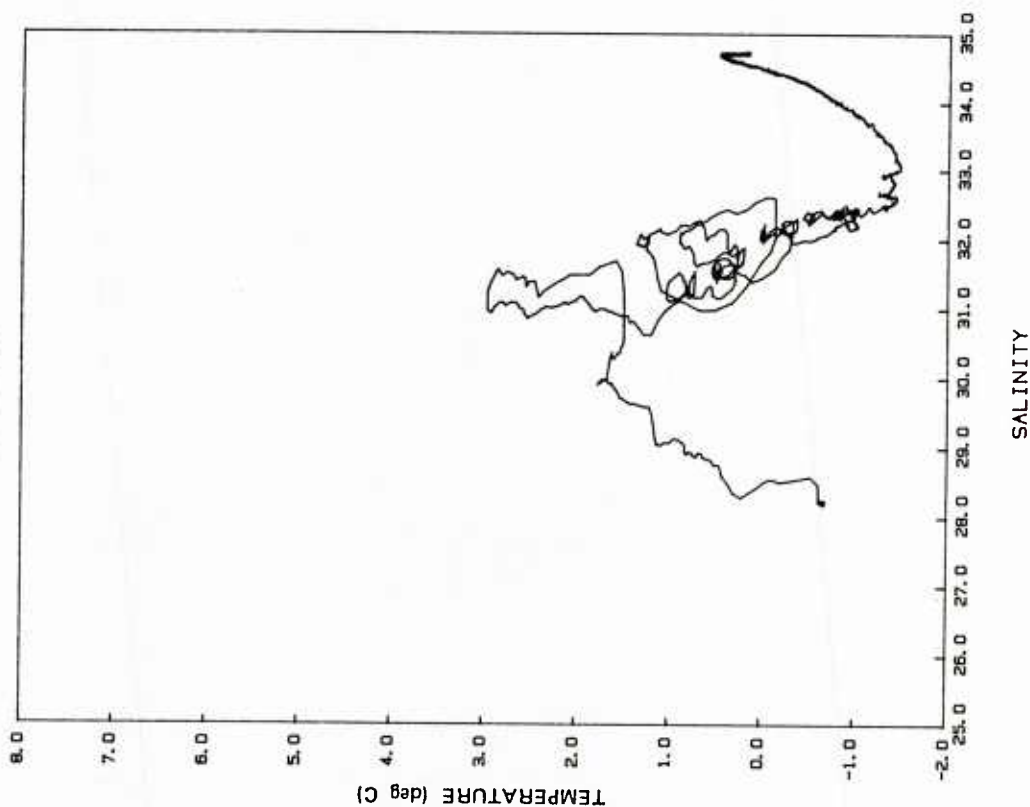
CAST# 8 DOWN  
DATE: 86/06/29  
TIME: 17:33:47  
LAT: 72 00.2 N  
LON: 149 06.1 W

# MIZPAC 86 CTD PROFILE



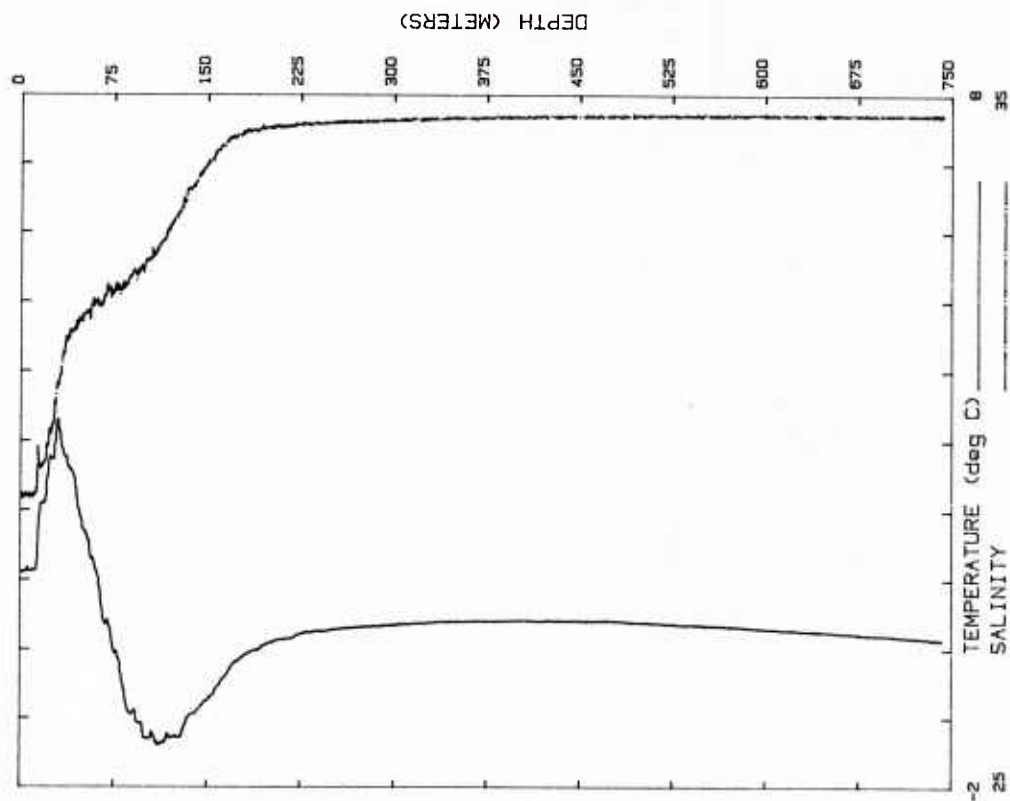
CAST# 8 DOWN  
DATE: 86/06/29  
TIME: 17:33:47  
LAT: 72 00.2 N  
LON: 149 06.1 W

# MIZPAC 86 TS CURVE



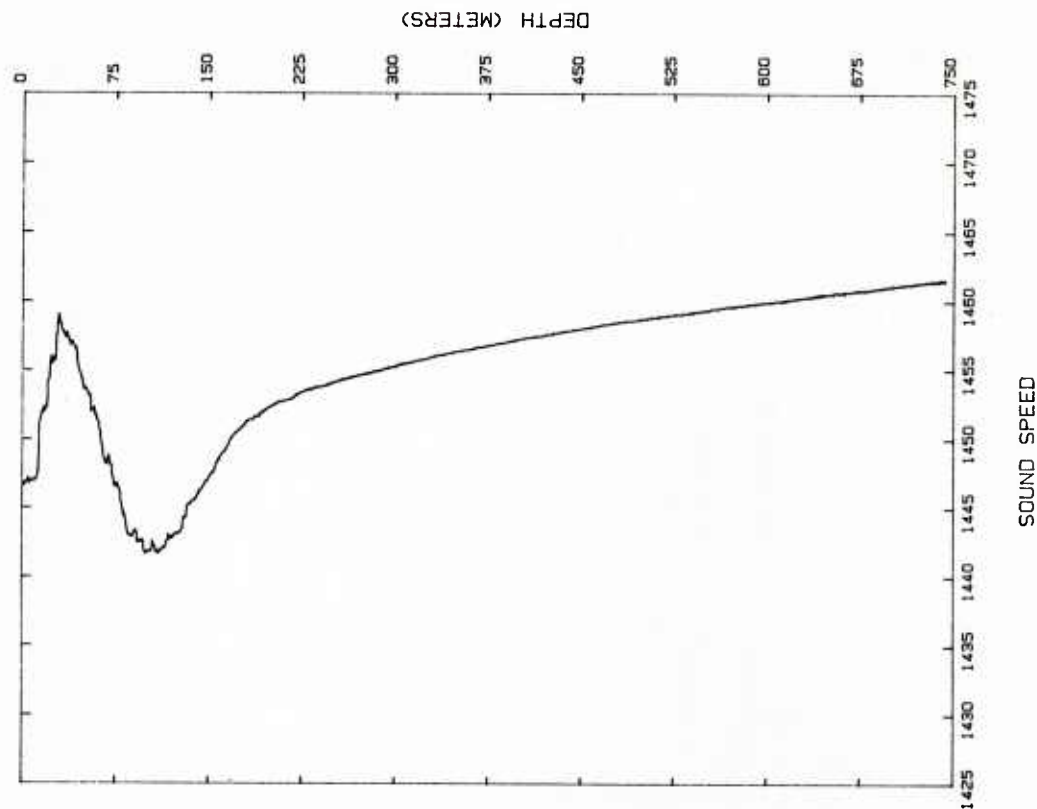
CAST# 9 DOWN  
DATE: 86/08/29  
TIME: 21:25:30  
LAT: 71 28.0 N  
LON: 149 08.3 W

# MIZPAC 86 CTD PROFILE



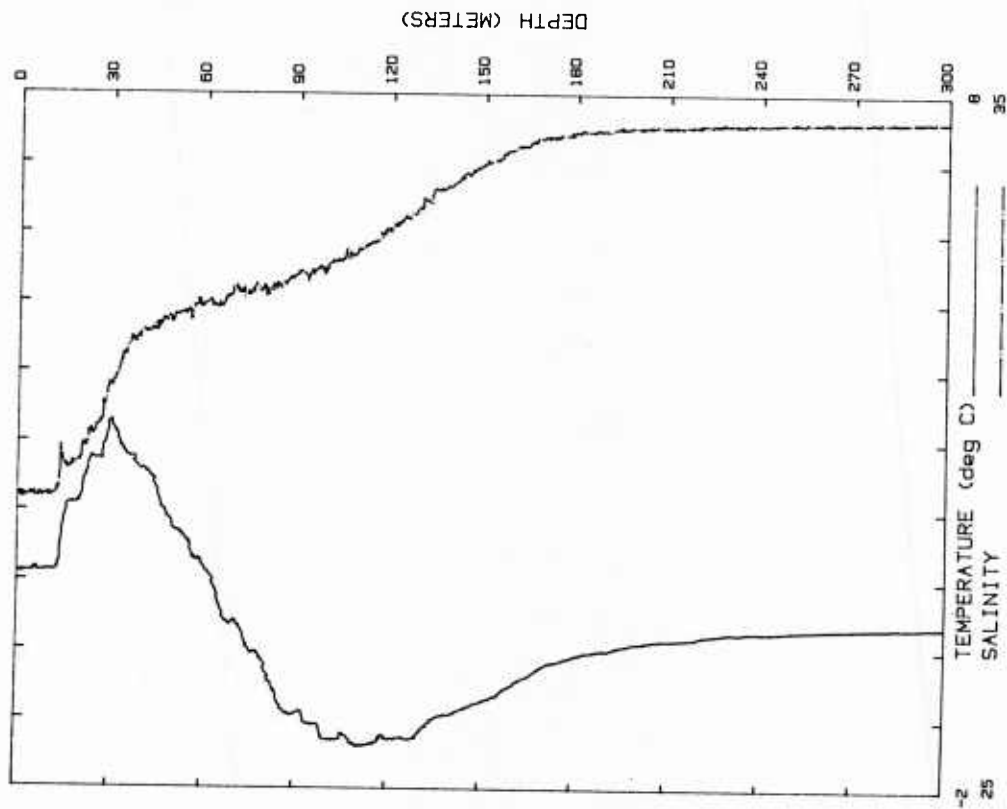
CAST# 9 DOWN  
DATE: 86/08/29  
TIME: 21:25:30  
LAT: 71 28.0 N  
LON: 149 08.3 W

# MIZPAC 86 MEASURED SOUND SPEED



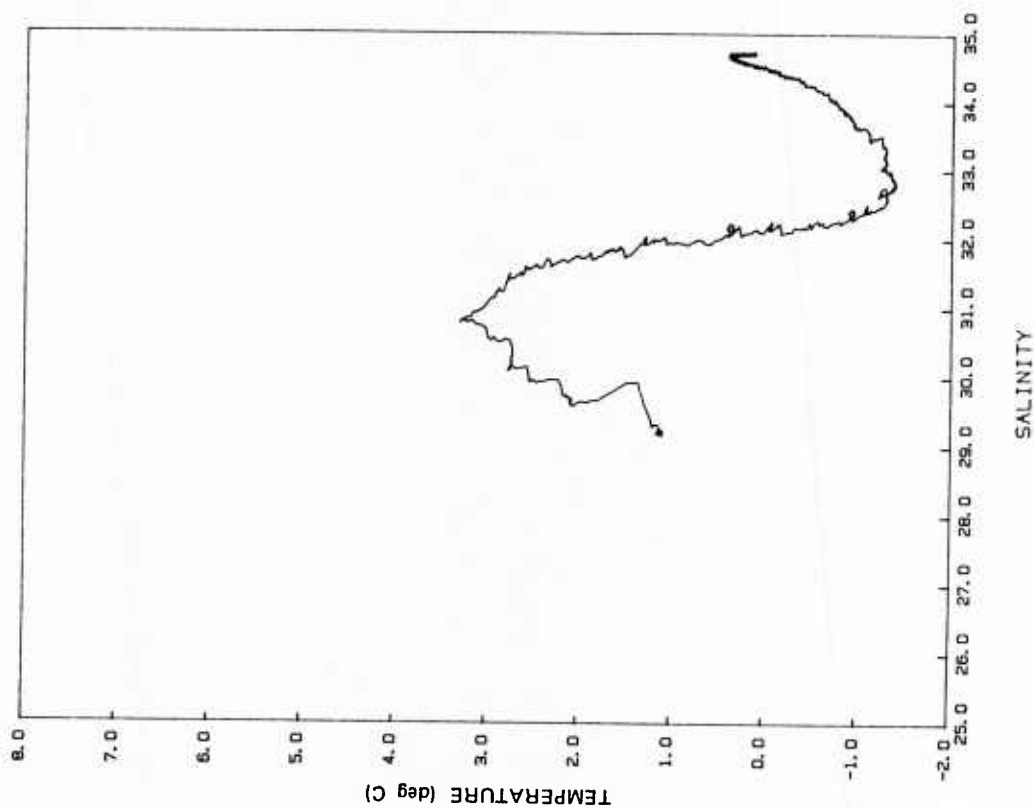
CAST# 9 DOWN  
DATE: 86/09/29  
TIME: 21:25:30  
LAT: 71 25.0 N  
LON: 149 09.3 W

# MIZPAC 86 CTD PROFILE



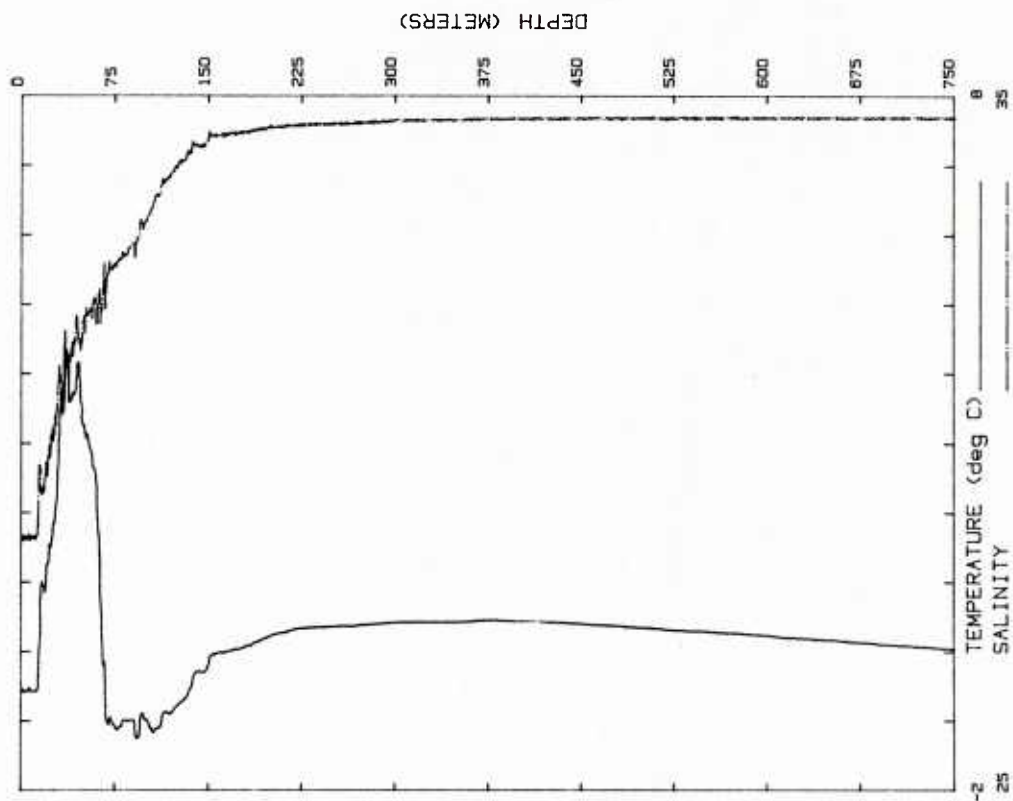
CAST# 8 DOWN  
DATE: 86/09/29  
TIME: 21:25:30  
LAT: 71 25.0 N  
LON: 149 09.3 W

# MIZPAC 86 TS CURVE



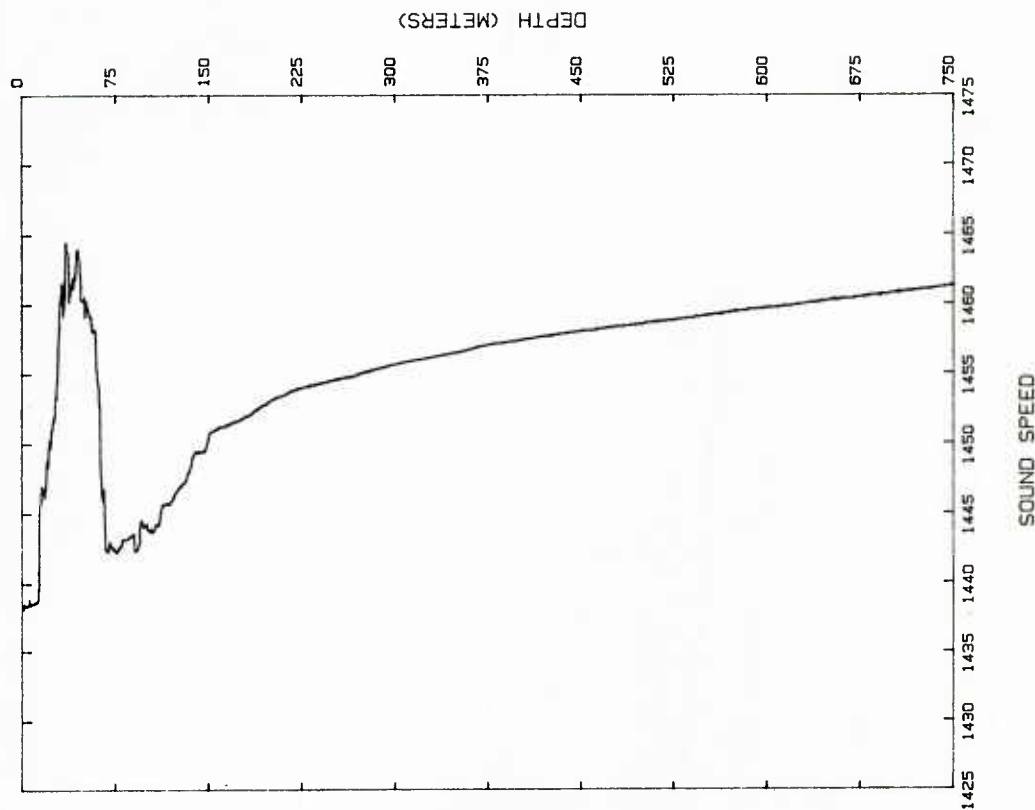
CAST# 10 DOWN  
 DATE: 86/09/30  
 TIME: 02:27:08  
 LAT: 72 00.0 N  
 LON: 150 59.4 W

# MIZPAC 86 CTD PROFILE



CAST# 10 DOWN  
 DATE: 86/09/30  
 TIME: 02:27:08  
 LAT: 72 00.0 N  
 LON: 150 59.4 W

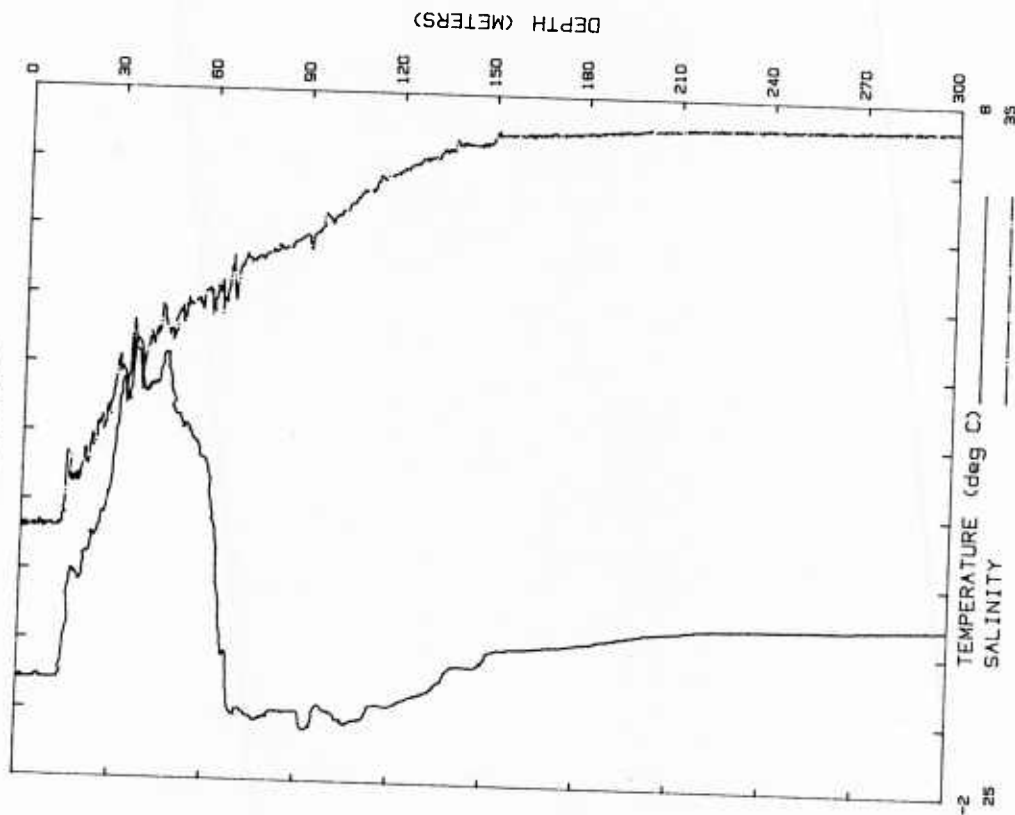
# MIZPAC 86 MEASURED SOUND SPEED





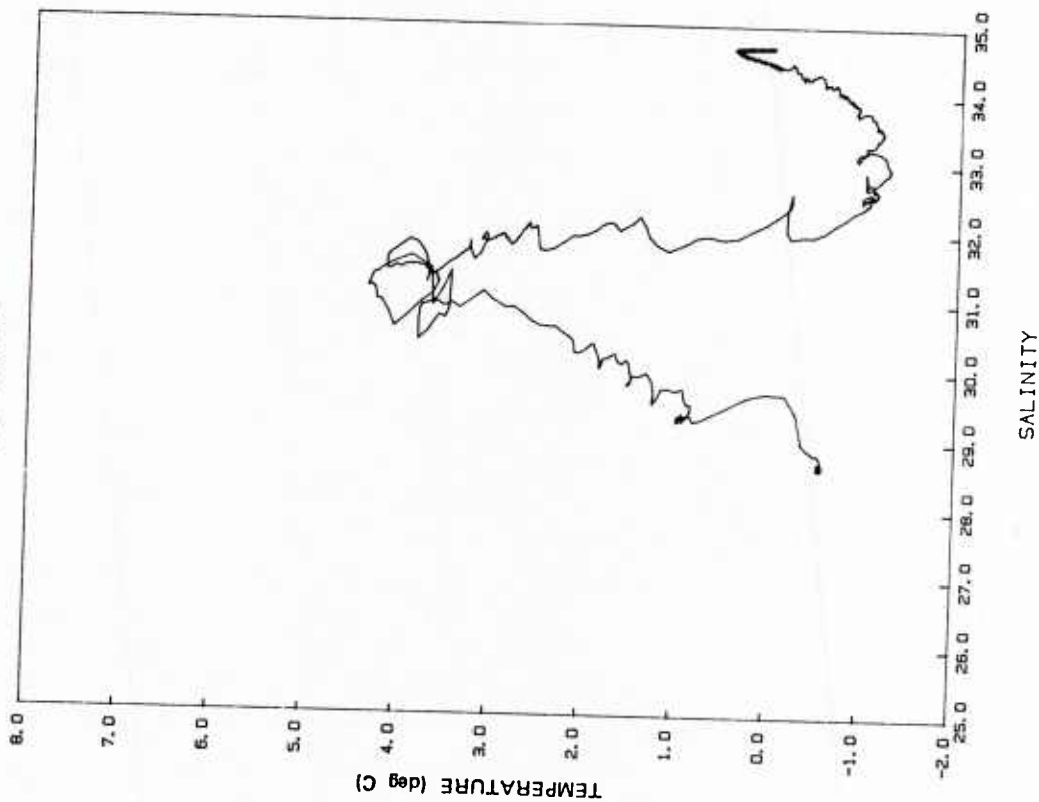
CAST# 10 DOWN  
DATE: 86/09/30  
TIME: 02:27:08  
LAT: 72 00.0 N  
LON: 150 58.4 W

# MIZPAC 86 CTD PROFILE



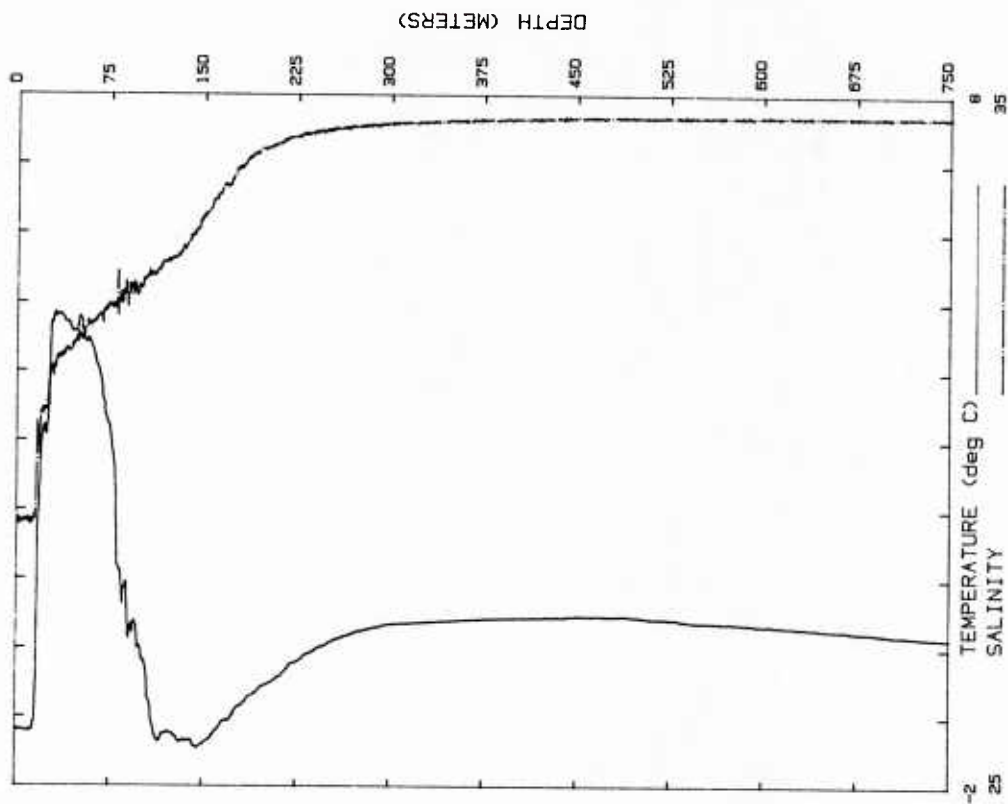
CAST# 10 DOWN  
DATE: 86/09/30  
TIME: 02:27:08  
LAT: 72 00.0 N  
LON: 150 58.4 W

# MIZPAC 86 TS CURVE



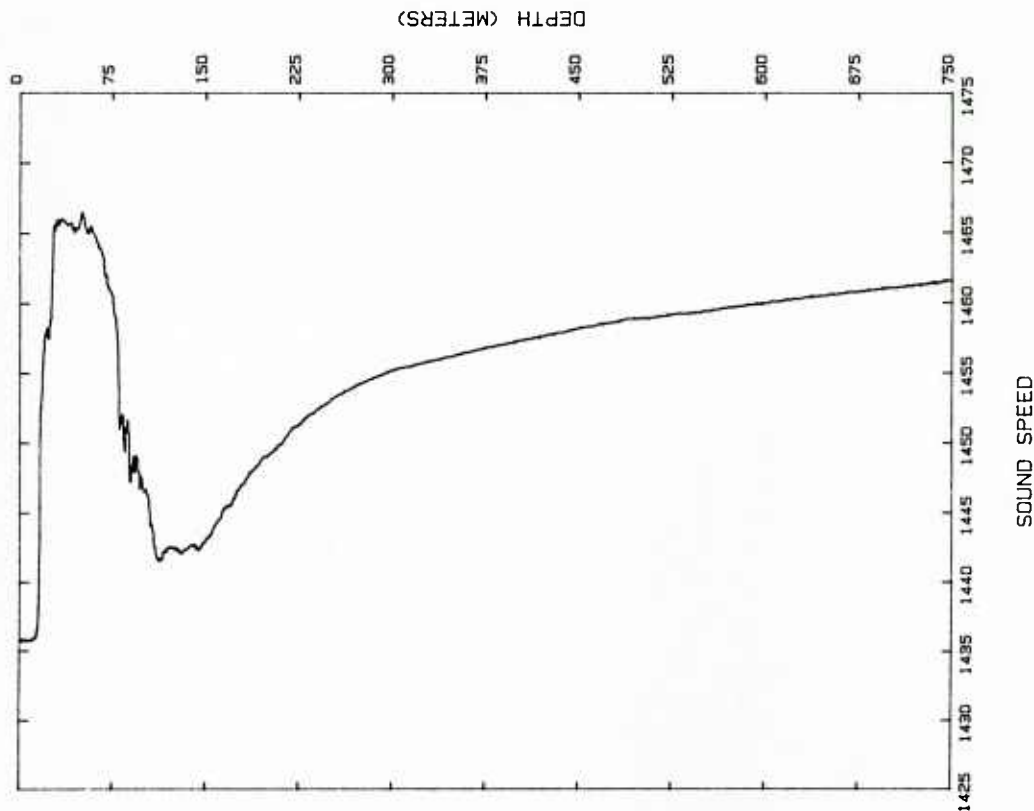
CAST# 11 DOWN  
 DATE: 86/09/30  
 TIME: 05:36:45  
 LAT: 72 14.9  
 LON: 151 04.0 W

# MIZPAC 86 CTD PROFILE



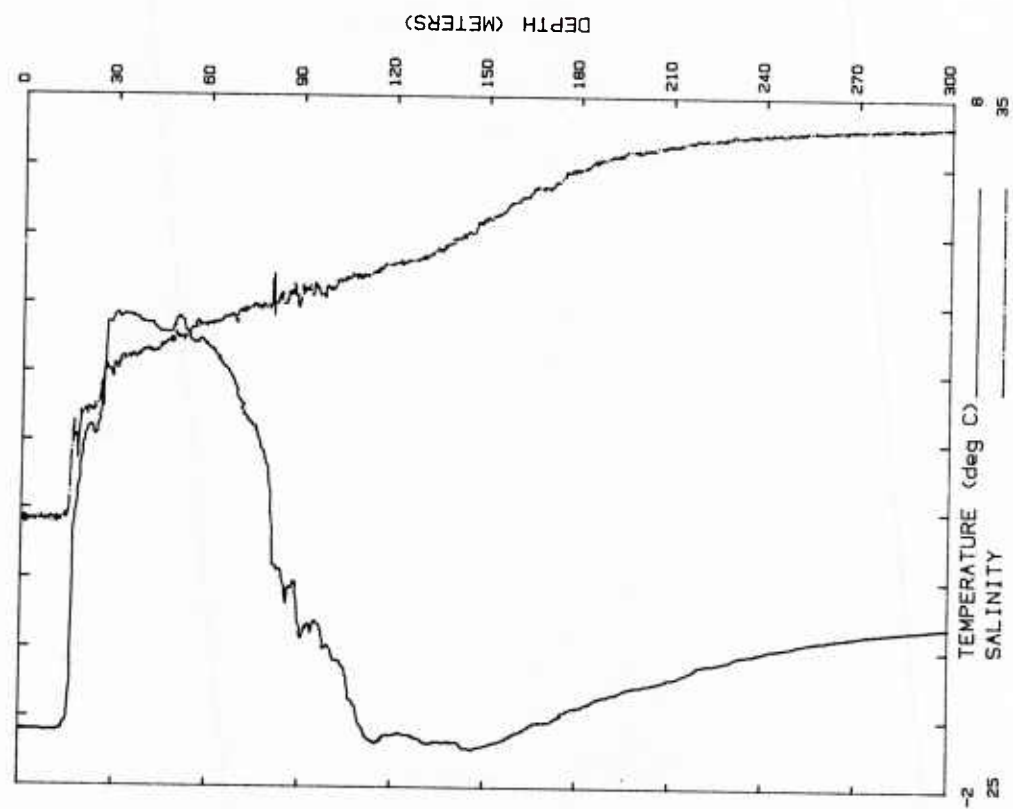
CAST# 11 DOWN  
 DATE: 86/09/30  
 TIME: 05:36:45  
 LAT: 72 14.9  
 LON: 151 04.0 W

# MIZPAC 86 MEASURED SOUND SPEED



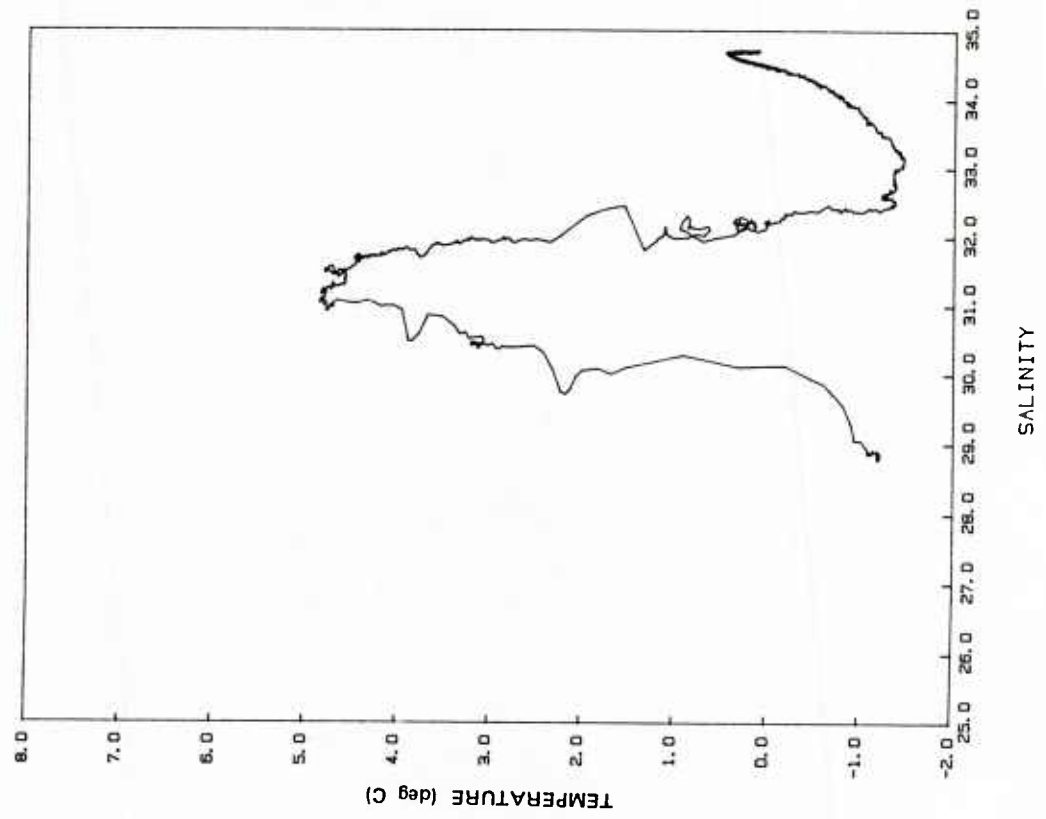
CAST# 11 DOWN  
DATE: 86/09/30  
TIME: 05:36:45  
LAT: 72 14.9  
LON: 151 04.0 V

# MIZPAC 86 CTD PROFILE



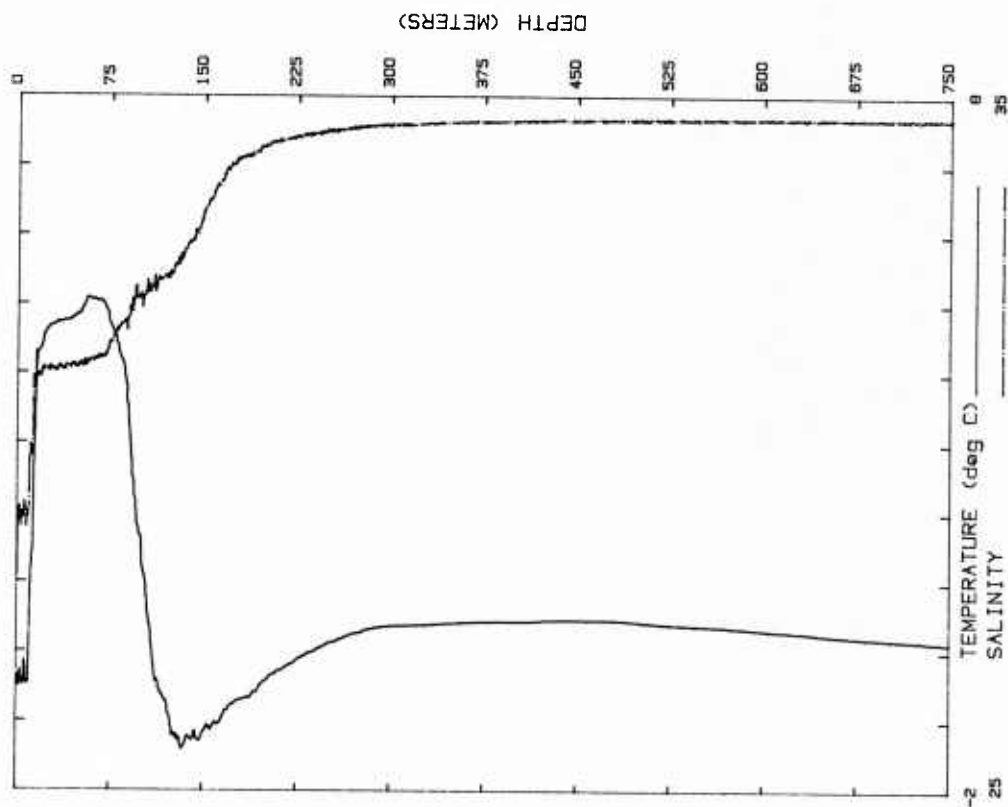
CAST# 11 DOWN  
DATE: 86/09/30  
TIME: 05:36:45  
LAT: 72 14.9  
LON: 151 04.0 V

# MIZPAC 86 TS CURVE



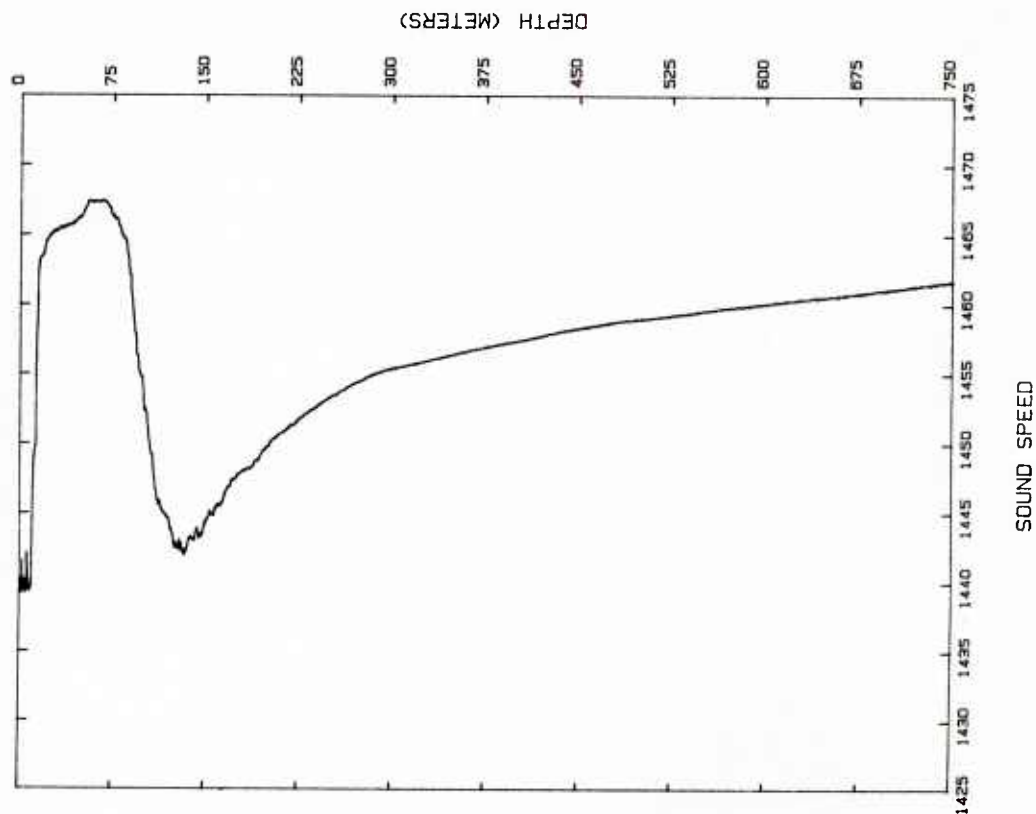
CAST# 12 DOWN  
 DATE: 86/08/30  
 TIME: 10:19:20  
 LAT: 72 11.9 N  
 LON: 152 30.8 W

# MIZPAC 86 CTD PROFILE



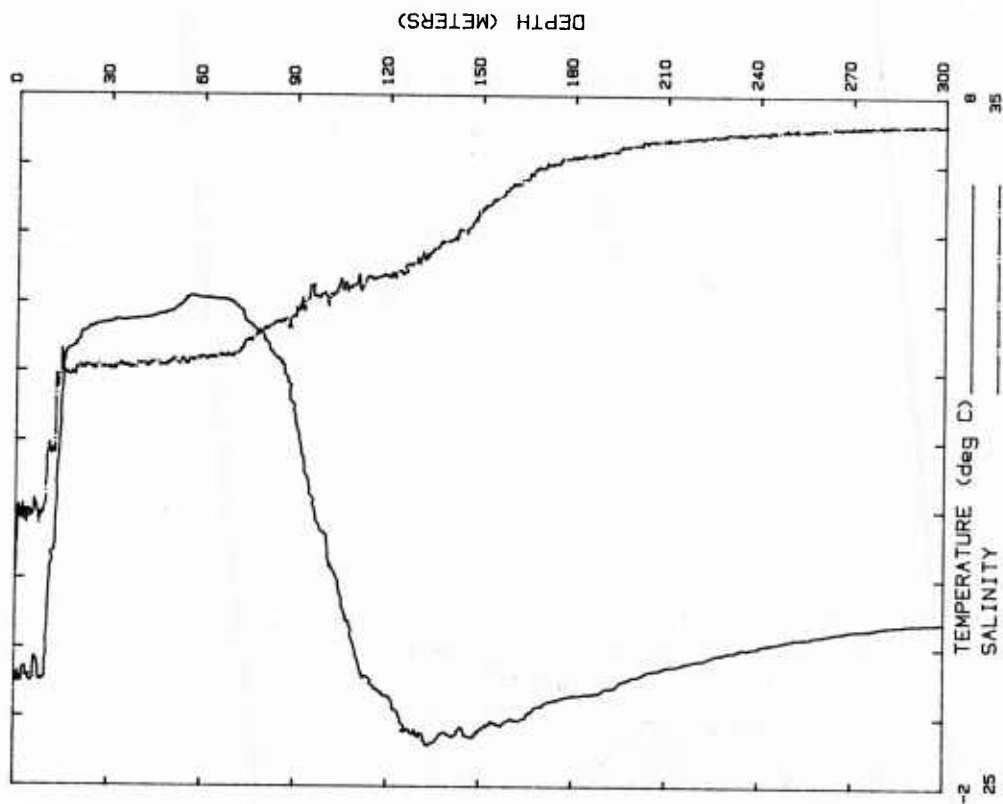
CAST# 12 DOWN  
 DATE: 86/08/30  
 TIME: 10:19:20  
 LAT: 72 11.9 N  
 LON: 152 30.8 W

# MIZPAC 86 MEASURED SOUND SPEED



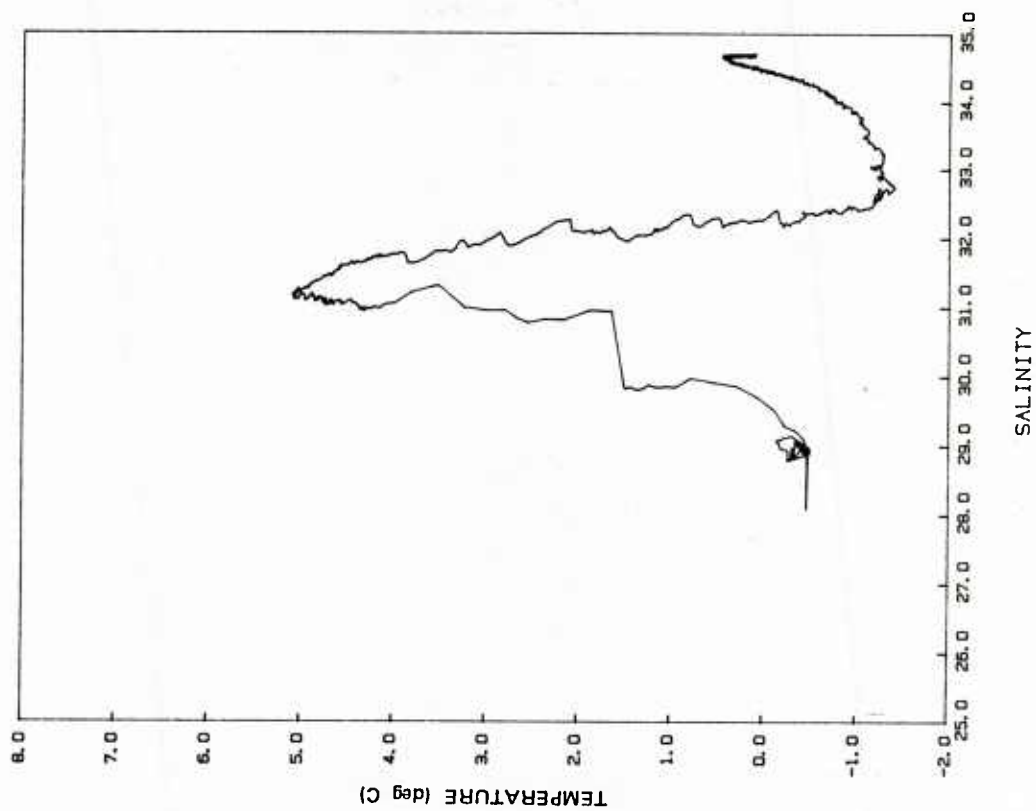
CAST# 12 DOWN  
 DATE: 86/09/30  
 TIME: 10:19:20  
 LAT: 72 11.9 N  
 LON: 152 30.8 W

# MIZPAC 86 CTD PROFILE



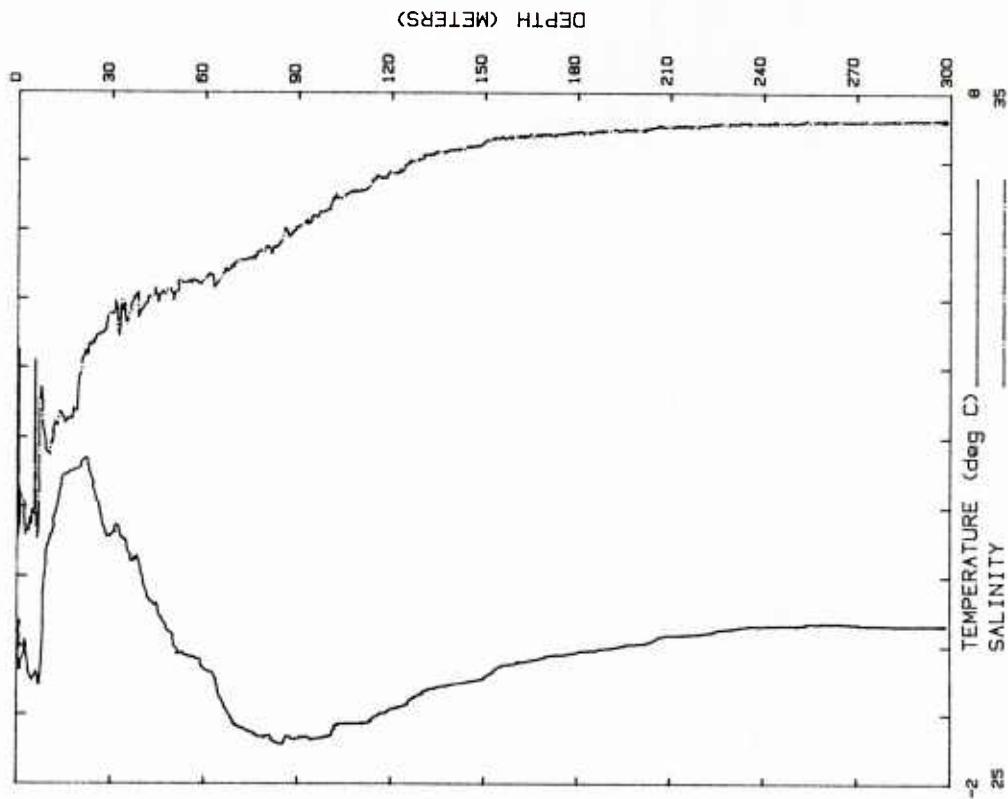
CAST# 12 DOWN  
 DATE: 86/09/30  
 TIME: 10:19:20  
 LAT: 72 11.9 N  
 LON: 152 30.8 W

# MIZPAC 86 TS CURVE



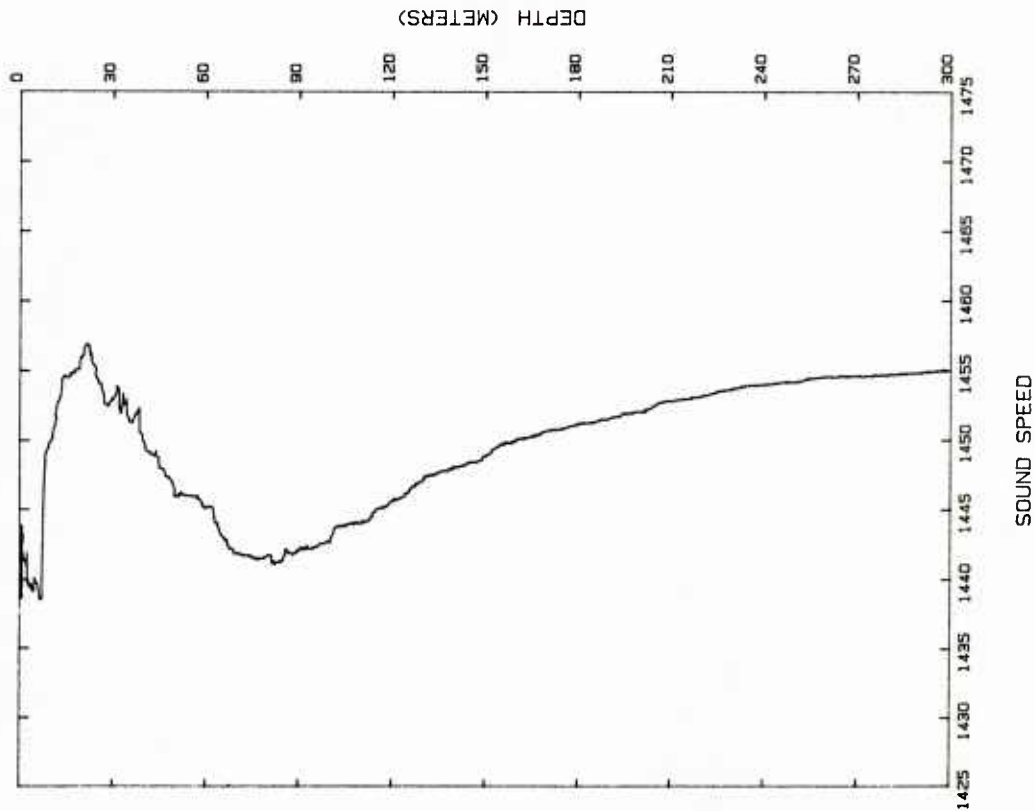
CAST# 13 DOWN  
DATE: 86/09/30  
TIME: 17:20:30  
LAT: 71 59.7 N  
LON: 153 44.9 W

# MIZPAC 86 CTD PROFILE



CAST# 13 DOWN  
DATE: 86/09/30  
TIME: 17:20:30  
LAT: 71 59.7 N  
LON: 153 44.9 W

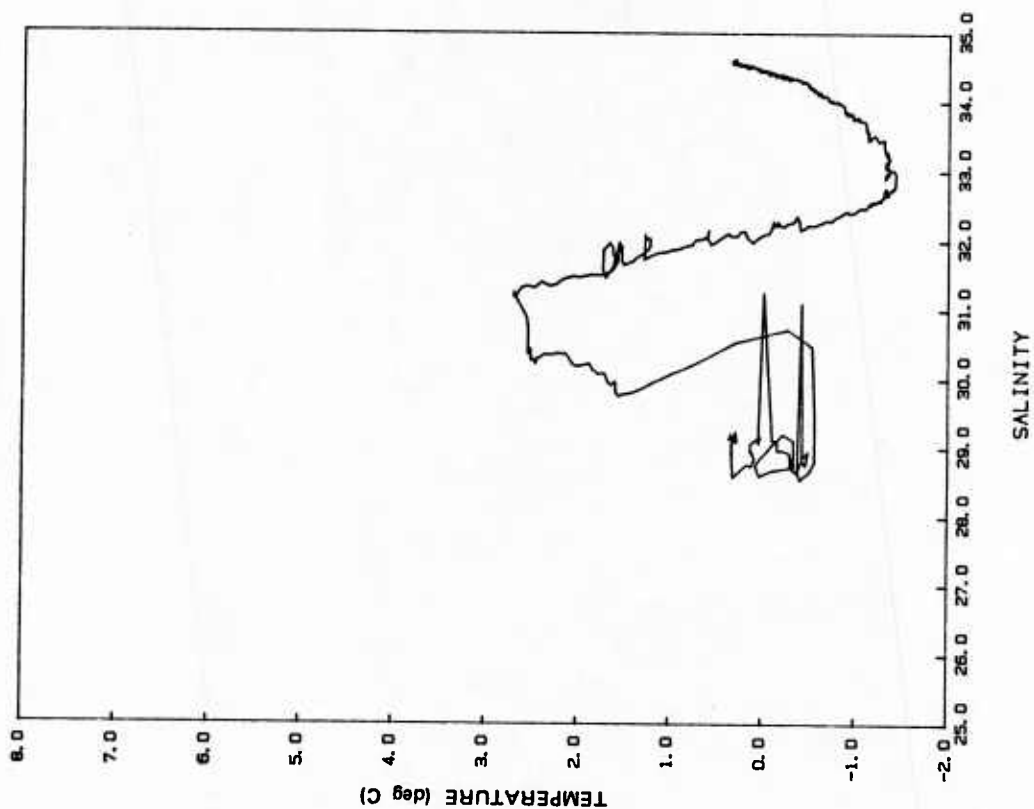
# MIZPAC 86 MEASURED SOUND SPEED





CAST# 13 DOWN  
DATE: 86/08/30  
TIME: 17:20:30  
LAT: 71 59.7 N  
LON: 153 44.8 W

MIZPAC 86  
TS CURVE



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